



1  
00:00:34,340 --> 00:00:29,120  
please stand by for the president of the

2  
00:00:37,970 --> 00:00:34,350  
United States Colonel gravy can you hear

3  
00:00:48,459 --> 00:00:37,980  
me yes sir that's president we hear you

4  
00:00:54,619 --> 00:00:53,119  
you guys hear me up there all right are

5  
00:01:03,950 --> 00:00:54,629  
you a lot clearer if it's president

6  
00:01:05,870 --> 00:01:03,960  
laughing clear let me just say commander

7  
00:01:07,850 --> 00:01:05,880  
gravy and all the rest you all were I'm

8  
00:01:11,480 --> 00:01:07,860  
here with a lot of the young astronauts

9  
00:01:13,789 --> 00:01:11,490  
and some of the older astronauts as a

10  
00:01:15,740 --> 00:01:13,799  
matter of fact for the for the crews

11  
00:01:17,539 --> 00:01:15,750  
here in the White House complex and we

12  
00:01:20,059 --> 00:01:17,549  
just called up to wish you well the Vice

13  
00:01:23,419 --> 00:01:20,069

President is with me Admiral truly is

14

00:01:25,130 --> 00:01:23,429

with me and we just want to get from you

15

00:01:26,779 --> 00:01:25,140

all how it's doing down there a lot of

16

00:01:29,539 --> 00:01:26,789

these kids want to get going and get out

17

00:01:31,789 --> 00:01:29,549

to Mars and you got any advice first of

18

00:01:36,949 --> 00:01:31,799

all for these young guys here young kids

19

00:01:38,690 --> 00:01:36,959

boys and girls well that the president

20

00:01:40,580 --> 00:01:38,700

playing a young astronauts they want to

21

00:01:42,830 --> 00:01:40,590

pursue a career as an out route they

22

00:01:44,510 --> 00:01:42,840

ought to be emphasizing math and science

23

00:01:48,080 --> 00:01:44,520

and their studies and just doing as well

24

00:01:49,669 --> 00:01:48,090

as the camp it's a long hard road to get

25

00:01:52,190 --> 00:01:49,679

there and does it take a little look

26  
00:01:55,580 --> 00:01:52,200  
along the way as well but that's worth

27  
00:01:57,980 --> 00:01:55,590  
the effort we've been talking a little

28  
00:02:00,080 --> 00:01:57,990  
bit about the contribution that these

29  
00:02:02,270 --> 00:02:00,090  
for journeys make to science can you

30  
00:02:05,080 --> 00:02:02,280  
tell us a little bit about the in

31  
00:02:10,310 --> 00:02:05,090  
layman's terms please about the

32  
00:02:11,870 --> 00:02:10,320  
experiments as you all are conducting so

33  
00:02:14,140 --> 00:02:11,880  
let me turn that over to contact these

34  
00:02:18,979 --> 00:02:14,150  
are payload some others all right

35  
00:02:21,190 --> 00:02:18,989  
promise president taking the experiment

36  
00:02:23,810 --> 00:02:21,200  
orbit is an excellent way to do

37  
00:02:25,160 --> 00:02:23,820  
experiment summer as a trance and it

38  
00:02:27,860 --> 00:02:25,170

makes where this whole journey well

39

00:02:30,009 --> 00:02:27,870

worthwhile the two principal things that

40

00:02:34,190 --> 00:02:30,019

are areas that come to mind our

41

00:02:38,000 --> 00:02:34,200

physiology both the plant and animal and

42

00:02:41,059 --> 00:02:38,010

crystal growing and our other material

43

00:02:42,830 --> 00:02:41,069

science experiments and we have some 55

44

00:02:44,809 --> 00:02:42,840

experiments I think in the IML

45

00:02:48,440 --> 00:02:44,819

compliment most of those are working

46

00:02:50,509 --> 00:02:48,450

even as we speak and it is our plan to

47

00:02:52,550 --> 00:02:50,519

do some more TV some more explanation

48

00:02:53,580 --> 00:02:52,560

later on about such more details of that

49

00:02:56,110 --> 00:02:53,590

science

50

00:02:58,000 --> 00:02:56,120

well that is very interesting now if you

51  
00:02:59,349 --> 00:02:58,010  
guys have a couple more minutes we don't

52  
00:03:01,959 --> 00:02:59,359  
want to detract you from all this

53  
00:03:03,789 --> 00:03:01,969  
experimentation but it might be fun if

54  
00:03:06,270 --> 00:03:03,799  
one of these young astronauts or maybe a

55  
00:03:08,709 --> 00:03:06,280  
couple would like to here comes my man

56  
00:03:10,690 --> 00:03:08,719  
in fact this guy just gave a great

57  
00:03:12,780 --> 00:03:10,700  
speech here so what tell them your name

58  
00:03:16,089 --> 00:03:12,790  
and see if you got a question for

59  
00:03:21,670 --> 00:03:16,099  
frisbee and there's a question what's it

60  
00:03:24,220 --> 00:03:21,680  
like in zero gravity yes you as we

61  
00:03:25,750 --> 00:03:24,230  
understood with what yes siree

62  
00:03:27,879 --> 00:03:25,760  
understood the question he wants it like

63  
00:03:31,140 --> 00:03:27,889

zero gravity I'll turn it over to Bill

64

00:03:34,449 --> 00:03:31,150

ready who's on top left that's great

65

00:03:36,369 --> 00:03:34,459

just floating around everything but the

66

00:03:39,039 --> 00:03:36,379

oil things it just makes a whole lot

67

00:03:43,000 --> 00:03:39,049

easier besides we'll put your pants on

68

00:03:45,789 --> 00:03:43,010

both legs at same time it's easy to

69

00:03:47,050 --> 00:03:45,799

translate back and forth that makes it a

70

00:03:48,670 --> 00:03:47,060

whole lot easier to do a lot of the

71

00:03:55,000 --> 00:03:48,680

science because any particular

72

00:04:06,760 --> 00:03:55,010

orientation you choose sports the same

73

00:04:12,790 --> 00:04:10,390

it makes it all very clear thank you any

74

00:04:19,090 --> 00:04:12,800

other you come on you come up in s1 is a

75

00:04:22,240 --> 00:04:19,100

rare opportunity far away I wanted to

76  
00:04:23,950 --> 00:04:22,250  
know a lotta juice I want to know what

77  
00:04:28,600 --> 00:04:23,960  
was your favorite of stem and you've

78  
00:04:30,790 --> 00:04:28,610  
taken up so far oh no it sounds like a

79  
00:04:35,580 --> 00:04:30,800  
good question for Steve Oswald a pilot

80  
00:04:42,520 --> 00:04:40,750  
actually i guess i'm not sure that the

81  
00:04:44,230 --> 00:04:42,530  
bus will work in the experimental

82  
00:04:47,350 --> 00:04:44,240  
advised that we've got to be I have to

83  
00:04:51,450 --> 00:04:47,360  
get my board I've been having a great

84  
00:04:54,010 --> 00:04:51,460  
Patroklos movies the other day project

85  
00:04:56,430 --> 00:04:54,020  
and we're taking pictures right now for

86  
00:05:06,040 --> 00:04:56,440  
a movie that will be coming out here

87  
00:05:11,340 --> 00:05:06,050  
clearly your dick kemper over the air

88  
00:05:15,040 --> 00:05:11,350

max look this so that see how big it is

89

00:05:17,320 --> 00:05:15,050

asking about what's great about your GU

90

00:05:19,870 --> 00:05:17,330

of his camera on earth probably weighs

91

00:05:23,320 --> 00:05:19,880

about Oh hundred ten hundred twenty

92

00:05:26,440 --> 00:05:23,330

pounds even a big boost like oz trouble

93

00:05:33,310 --> 00:05:26,450

estimate but you can see you could quite

94

00:05:35,410 --> 00:05:33,320

easily do it with just fingers we got

95

00:05:37,210 --> 00:05:35,420

camera pumping weighs as much as Roberta

96

00:05:52,279 --> 00:05:37,220

who's manipulating it right now you can

97

00:06:01,159 --> 00:05:56,719

that's great you have 10 its present the

98

00:06:06,429 --> 00:06:01,169

Walker pepper which one do you like

99

00:06:11,299 --> 00:06:09,409

why I can't reduce our Canadian payload

100

00:06:17,689 --> 00:06:11,309

specialist Roberto Potter who will be

101  
00:06:19,850 --> 00:06:17,699  
brought down fit our living moving both

102  
00:06:22,339 --> 00:06:19,860  
in space on the earth really makes you

103  
00:06:24,200 --> 00:06:22,349  
appreciate the goodness out of both I

104  
00:06:26,420 --> 00:06:24,210  
think right now we're enjoying very much

105  
00:06:28,309 --> 00:06:26,430  
the limited opportunity we've had so far

106  
00:06:30,010 --> 00:06:28,319  
being up here we've certainly enjoyed

107  
00:06:32,239 --> 00:06:30,020  
looking back at the earth during our

108  
00:06:34,339 --> 00:06:32,249  
brief moments when or not at a lab

109  
00:06:37,339 --> 00:06:34,349  
working Assizes and though we're really

110  
00:06:38,540 --> 00:06:37,349  
looking forward to a return to work to

111  
00:06:40,429 --> 00:06:38,550  
bring back all the scientific

112  
00:06:41,809 --> 00:06:40,439  
information and all the enthusiasm and

113  
00:06:44,209 --> 00:06:41,819

experience that we've gained in this

114

00:06:45,739 --> 00:06:44,219

side so for that far about to think

115

00:06:47,540 --> 00:06:45,749

right now we're just enjoying where we

116

00:06:49,100 --> 00:06:47,550

are and we can be enjoying what we're

117

00:06:50,359 --> 00:06:49,110

going to be when we come back and I

118

00:06:52,249 --> 00:06:50,369

think it's just great to have had this

119

00:06:55,909 --> 00:06:52,259

opportunity to be flying out with this

120

00:06:57,739 --> 00:06:55,919

great crew dr. Bondar this is not a

121

00:06:59,719 --> 00:06:57,749

young astronaut this is the president

122

00:07:04,399 --> 00:06:59,729

speaking now but I just want to say how

123

00:07:07,850 --> 00:07:04,409

how pleased we are that you representing

124

00:07:10,219 --> 00:07:07,860

Canada are apart a fundamental part of

125

00:07:12,829 --> 00:07:10,229

this I think it's a wonderful thing and

126

00:07:14,689 --> 00:07:12,839

I think in a wonderful way it shows the

127

00:07:17,299 --> 00:07:14,699

strength of ties between our two great

128

00:07:19,189 --> 00:07:17,309

countries so understand the Prime

129

00:07:20,600 --> 00:07:19,199

Minister my friend Brian Mulrooney call

130

00:07:24,920 --> 00:07:20,610

did he actually get through the other

131

00:07:26,659 --> 00:07:24,930

day that was right about the time of

132

00:07:29,059 --> 00:07:26,669

having everything just done their

133

00:07:31,279 --> 00:07:29,069

lunchtime and said I had a lovely tell

134

00:07:37,309 --> 00:07:31,289

them from him and he wishes all well and

135

00:07:38,899 --> 00:07:37,319

good speed well keep up the good work

136

00:07:40,699 --> 00:07:38,909

now we got if you got time for one more

137

00:07:46,129 --> 00:07:40,709

question we got a real eager one right

138

00:07:47,959 --> 00:07:46,139

here front of the line Terry Clane see

139

00:07:52,190 --> 00:07:47,969

if you can get so thank you I wonder how

140

00:08:03,020 --> 00:07:57,260

I think the question is how do we feel

141

00:08:04,730 --> 00:08:03,030

in space yeah well at space takes a

142

00:08:07,010 --> 00:08:04,740

little bit of time to get used to it

143

00:08:09,110 --> 00:08:07,020

when you first get up you might feel

144

00:08:11,030 --> 00:08:09,120

just slightest bit queasy yourself but

145

00:08:12,410 --> 00:08:11,040

by about today this is our third day and

146

00:08:14,150 --> 00:08:12,420

tobago beginning to it that's pretty

147

00:08:16,910 --> 00:08:14,160

well I think you can see we also pretty

148

00:08:18,770 --> 00:08:16,920

comfortable up here so after you get

149

00:08:20,840 --> 00:08:18,780

over the initial adjustment to convert

150

00:08:24,740 --> 00:08:20,850

at space quite well and do things that

151

00:08:27,230 --> 00:08:24,750

you do on earth I'm around some of the

152

00:08:29,800 --> 00:08:27,240

older ass flu and sort of the older

153

00:08:31,610 --> 00:08:29,810

astronauts are actually in space now and

154

00:08:33,650 --> 00:08:31,620

anything that can give you the

155

00:08:35,300 --> 00:08:33,660

enthusiasm that a kid has got to be a

156

00:08:49,160 --> 00:08:35,310

great experience and I feel like I'm

157

00:08:59,199 --> 00:08:49,170

about 12 well we go what planets have

158

00:09:06,019 --> 00:09:01,940

well of course we got the world's

159

00:09:08,740 --> 00:09:06,029

greatest use of our world but on some of

160

00:09:13,190 --> 00:09:08,750

our night passes we could see a product

161

00:09:16,460 --> 00:09:13,200

at poopit ER at bars and penis really

162

00:09:21,319 --> 00:09:16,470

spectacular up here hope we could go to

163

00:09:22,819 --> 00:09:21,329

bars here one of these days we're going

164

00:09:25,490 --> 00:09:22,829

to keep trying to get this program

165

00:09:28,040 --> 00:09:25,500

geared up to do just that and maybe just

166

00:09:30,889 --> 00:09:28,050

maybe Colonel now one of these kids here

167

00:09:32,720 --> 00:09:30,899

today will be a part of that or maybe

168

00:09:35,000 --> 00:09:32,730

later but Bob that one of them will be a

169

00:09:38,120 --> 00:09:35,010

part of that mission but listen I'm told

170

00:09:40,160 --> 00:09:38,130

we gotta we gotta run on but I got a lot

171

00:09:41,689 --> 00:09:40,170

of eager questioners but unfortunately I

172

00:09:44,000 --> 00:09:41,699

guess we don't have the time but we

173

00:09:46,030 --> 00:09:44,010

certainly want to wish you well your

174

00:09:48,949 --> 00:09:46,040

fellow astronauts are standing here

175

00:09:51,410 --> 00:09:48,959

quietly in the shadows and I know that

176  
00:09:53,180 --> 00:09:51,420  
they are wishing you well a successful

177  
00:09:55,370 --> 00:09:53,190  
conclusion of this productive journey

178  
00:09:58,699 --> 00:09:55,380  
and you have our blessings and our

179  
00:10:00,290 --> 00:09:58,709  
support and keep up the fine work you're

180  
00:10:02,660 --> 00:10:00,300  
on the cutting edge and you're setting a

181  
00:10:04,150 --> 00:10:02,670  
great example for the rest of our

182  
00:10:06,230 --> 00:10:04,160  
countries the rest of the world

183  
00:10:11,750 --> 00:10:06,240  
congratulations and thanks for taking

184  
00:10:14,810 --> 00:10:11,760  
the time out mr. president we certainly

185  
00:10:16,490 --> 00:10:14,820  
want to thank you for taking the time so

186  
00:10:37,120 --> 00:10:16,500  
I wish all the young astronauts ruckus

187  
00:10:41,440 --> 00:10:39,260  
all the worldwide television audience

188  
00:10:44,360 --> 00:10:41,450

for today's game is estimated at around

189

00:10:46,730 --> 00:10:44,370

750 million people but without the

190

00:10:48,200 --> 00:10:46,740

audience out of this world joining us

191

00:10:51,080 --> 00:10:48,210

now live from the space shuttle

192

00:10:54,770 --> 00:10:51,090

discovery in orbit some 163 nautical

193

00:10:56,720 --> 00:10:54,780

miles or 3300 football fields above the

194

00:10:58,460 --> 00:10:56,730

Indian Ocean on the opposite side of the

195

00:11:00,470 --> 00:10:58,470

planet from Minneapolis our shuttle

196

00:11:04,250 --> 00:11:00,480

commander Ron gravy he is the gentleman

197

00:11:06,590 --> 00:11:04,260

in the in the red skin hat I want to pay

198

00:11:08,480 --> 00:11:06,600

our eggs pilot Steve Oswald's welcome to

199

00:11:10,370 --> 00:11:08,490

the Super Bowl today gentlemen tell us

200

00:11:14,630 --> 00:11:10,380

we see a lot going on there what are we

201  
00:11:16,340 --> 00:11:14,640  
looking at for exit area real happy to

202  
00:11:18,320 --> 00:11:16,350  
be with you or what you looking at here

203  
00:11:20,480 --> 00:11:18,330  
is the space lab module that we have in

204  
00:11:22,670 --> 00:11:20,490  
the payload day of these shuttle

205  
00:11:24,680 --> 00:11:22,680  
discovery and let me call are some of

206  
00:11:26,630 --> 00:11:24,690  
our payload crew members boss records

207  
00:11:30,200 --> 00:11:26,640  
and Roberta Bondar up Thor's might give

208  
00:11:31,940 --> 00:11:30,210  
you a little idea what's going on well

209  
00:11:33,950 --> 00:11:31,950  
Greg and Terry this is the spacelab

210  
00:11:35,930 --> 00:11:33,960  
mission if that beat science so we've

211  
00:11:38,060 --> 00:11:35,940  
been performing one of our vestibular

212  
00:11:43,160 --> 00:11:38,070  
experiments that will break awake that

213  
00:11:44,690 --> 00:11:43,170

join Ron I guess won't tell me duelen

214

00:11:46,100 --> 00:11:44,700

let's get your thoughts on today's game

215

00:11:51,230 --> 00:11:46,110

since we've taken you away from your

216

00:11:52,460 --> 00:11:51,240

work temporarily I actually think we

217

00:11:54,500 --> 00:11:52,470

were kind of hoping that Houston was

218

00:11:55,700 --> 00:11:54,510

going to be in today's again but so

219

00:11:57,080 --> 00:11:55,710

looks like you've got a couple of great

220

00:11:58,910 --> 00:11:57,090

teams that are going to go at it we're

221

00:12:00,530 --> 00:11:58,920

just sorry that we don't have a way of

222

00:12:02,620 --> 00:12:00,540

receiving the game up here besides that

223

00:12:05,360 --> 00:12:02,630

masters keeping us a little busy today

224

00:12:07,190 --> 00:12:05,370

I've got to ask you this high in the

225

00:12:11,720 --> 00:12:07,200

world are you going to keep tabs on the

226

00:12:13,160 --> 00:12:11,730

game find out who's winning sorry thank

227

00:12:18,650 --> 00:12:13,170

you it'll keep us pretty well informed

228

00:12:20,450 --> 00:12:18,660

and you hope so anyway yeah how is how

229

00:12:24,350 --> 00:12:20,460

would a coin toss work in zero gravity

230

00:12:26,060 --> 00:12:24,360

with representing problem always thought

231

00:12:27,800 --> 00:12:26,070

about that we hope that ass so we have a

232

00:12:29,600 --> 00:12:27,810

little demonstration here but I give the

233

00:12:31,280 --> 00:12:29,610

client to Roberta ponder here she's our

234

00:12:32,900 --> 00:12:31,290

Canadian sale especially she knows a

235

00:12:34,430 --> 00:12:32,910

little more about Canadian football in

236

00:12:36,410 --> 00:12:34,440

American football but nonetheless she's

237

00:12:47,389 --> 00:12:36,420

interested in we'll see about it 0t coin

238

00:12:57,749 --> 00:12:51,540

I don't pose we should call him Sir

239

00:12:59,729 --> 00:12:57,759

Brack look like his headdress saurian

240

00:13:01,410 --> 00:12:59,739

Greg as you can see in zero-g the point

241

00:13:03,150 --> 00:13:01,420

never comes down so we'll just have to

242

00:13:06,090 --> 00:13:03,160

defer the coin toss with the official

243

00:13:07,650 --> 00:13:06,100

pregame ceremony well we hope they'll

244

00:13:09,900 --> 00:13:07,660

keep you advised of what's happening and

245

00:13:11,939 --> 00:13:09,910

we sure appreciate you having taken time

246

00:13:14,429 --> 00:13:11,949

out of your busy schedule we wish you a

247

00:13:18,030 --> 00:13:14,439

terrific mission and a happy touchdown

248

00:13:21,780 --> 00:13:18,040

next Wednesday thanks very much with the

249

00:13:24,530 --> 00:13:21,790

last have sex part and of course we are

250

00:13:28,169 --> 00:13:24,540

looking for our first year of touchdown

251  
00:13:39,550 --> 00:13:28,179  
to say this when we come back our final

252  
00:13:49,550 --> 00:13:43,059  
it's a very busy coloriffics immodest

253  
00:13:55,960 --> 00:13:49,560  
engrave sorry Bob this is discovering a

254  
00:14:00,379 --> 00:13:55,970  
babolat ready speaking discovery saluton

255  
00:14:04,519 --> 00:14:00,389  
speaking the document car dr. reasonable

256  
00:14:09,790 --> 00:14:04,529  
and myself will speak in which order now

257  
00:14:13,040 --> 00:14:09,800  
dr. kabalka discovery yes canoga

258  
00:14:19,699 --> 00:14:13,050  
exclusive sing commando ongoing crave on

259  
00:14:22,160 --> 00:14:19,709  
steiner crew for the SDS 42 ja danke

260  
00:14:25,430 --> 00:14:22,170  
their president expressed the old levels

261  
00:14:27,139 --> 00:14:25,440  
of lead on the door that poem for stones

262  
00:14:31,249 --> 00:14:27,149  
the oven bigger and power for Stan

263  
00:14:33,889 --> 00:14:31,259

Parthenon provide assistance Kulemin and

264

00:14:39,230 --> 00:14:33,899

folk rockers food to Robin on here

265

00:14:41,660 --> 00:14:39,240

thought Jim thanks amigos is interested

266

00:14:44,689 --> 00:14:41,670

Archer astronauts tell Tavish on this

267

00:14:47,540 --> 00:14:44,699

tiny to RM seed begins with your

268

00:14:49,790 --> 00:14:47,550

prisoners behind legacy before making

269

00:14:57,139 --> 00:14:49,800

more football and harm him Nantes

270

00:14:59,540 --> 00:14:57,149

Minnesota's Italy's Bill just dear let's

271

00:15:02,540 --> 00:14:59,550

the 10 of the air Cove is available make

272

00:15:05,509 --> 00:15:02,550

them fun for 11 in vector form does this

273

00:15:07,819 --> 00:15:05,519

is god I understood their fur gets in

274

00:15:11,329 --> 00:15:07,829

there shall be delivered him Atlantis no

275

00:15:14,840 --> 00:15:11,339

chance and then in the planting we would

276

00:15:16,370 --> 00:15:14,850

never seed fact I'm vegan is is not

277

00:15:18,829 --> 00:15:16,380

really gibbehhh theater in them and

278

00:15:22,160 --> 00:15:18,839

design now i'm at front as in their non

279

00:15:24,499 --> 00:15:22,170

seat amazon tryna be noted on this one

280

00:15:27,519 --> 00:15:24,509

is no evil mecklenburg-vorpommern and

281

00:15:30,019 --> 00:15:27,529

evil and for that we went back before

282

00:15:34,009 --> 00:15:30,029

amiable device that the unidentified

283

00:15:36,710 --> 00:15:34,019

site open ice climbers equivalent is

284

00:15:38,720 --> 00:15:36,720

large i wish to I minus dis undone I

285

00:15:41,800 --> 00:15:38,730

move ahora lehenga which I must

286

00:15:48,169 --> 00:15:41,810

intervene but Elton velcom botanical

287

00:15:58,530 --> 00:15:52,949

hello Rob Trillium does if you're the

288

00:16:02,009 --> 00:15:58,540

father nein ich werde another mouse

289

00:16:04,949 --> 00:16:02,019

button on this vector the right side is

290

00:16:06,569 --> 00:16:04,959

bitten by the egnog of the saturday

291

00:16:12,869 --> 00:16:06,579

evening pumps that soon annoys readers

292

00:16:15,689 --> 00:16:12,879

so who's over an hour never a dirty

293

00:16:18,569 --> 00:16:15,699

Jordan amis German or private novelty

294

00:16:23,009 --> 00:16:18,579

sublet mr. John in my spirit said to be

295

00:16:25,829 --> 00:16:23,019

with him in drunk tell me about this

296

00:16:29,519 --> 00:16:25,839

year Cooper want a you know Colleen Sean

297

00:16:35,189 --> 00:16:29,529

and evil kamma found convince this year

298

00:16:37,590 --> 00:16:35,199

apollo gustavia was abolish and they

299

00:16:40,229 --> 00:16:37,600

would at the bust for the Affordable I

300

00:16:43,169 --> 00:16:40,239

don't know interference doesn't hear

301  
00:16:45,629 --> 00:16:43,179  
that either I was only found and crew

302  
00:16:48,419 --> 00:16:45,639  
Medina here a farm and disaster would

303  
00:16:50,850 --> 00:16:48,429  
have aches been given me all I did there

304  
00:16:53,309 --> 00:16:50,860  
Norman dragons if they get some zip

305  
00:16:56,220 --> 00:16:53,319  
night in their home until commander on

306  
00:16:58,199 --> 00:16:56,230  
baby from pizza Graham behind and

307  
00:17:00,539 --> 00:16:58,209  
frighten them big nine and now thats not

308  
00:17:02,970 --> 00:17:00,549  
not Dave him as their I was ocean to get

309  
00:17:05,220 --> 00:17:02,980  
mad and then why would erase the resist

310  
00:17:10,010 --> 00:17:05,230  
I really cared the art basel sides of a

311  
00:17:14,129 --> 00:17:10,020  
good discovery we see me so little

312  
00:17:19,019 --> 00:17:14,139  
speaking the document is finished now

313  
00:17:23,720 --> 00:17:19,029

the curve isn't over we see the color is

314

00:17:27,240 --> 00:17:23,730

very many people were speaking a

315

00:17:30,419 --> 00:17:27,250

commander the flowmeter co and occupied

316

00:17:32,639 --> 00:17:30,429

the storage places when they mainly bit

317

00:17:37,950 --> 00:17:32,649

twisted by the best once again three in

318

00:17:43,639 --> 00:17:37,960

with your green doctors evidence is

319

00:17:46,799 --> 00:17:43,649

argan about a bootable honest i have

320

00:17:50,879 --> 00:17:46,809

this issue though so try to fix a simply

321

00:17:54,840 --> 00:17:50,889

you solve a bit on them mere boy is

322

00:17:57,149 --> 00:17:54,850

formed via hub yard for going on for my

323

00:18:00,960 --> 00:17:57,159

bday non dickish multi-system else my

324

00:18:03,169 --> 00:18:00,970

revenge on giving the object by you

325

00:18:05,580 --> 00:18:03,179

they include entirely of arbitrating

326

00:18:09,029 --> 00:18:05,590

when they must be jesting English

327

00:18:11,430 --> 00:18:09,039

Presbyterian voicemail is but the

328

00:18:14,490 --> 00:18:11,440

abundances before and again this is

329

00:18:21,419 --> 00:18:14,500

people per team down to see all the area

330

00:18:23,909 --> 00:18:21,429

of a possibly stop it figured division

331

00:18:27,390 --> 00:18:23,919

and damen dispossessed retiring lobby of

332

00:18:29,700 --> 00:18:27,400

City mafia security is not division

333

00:18:32,490 --> 00:18:29,710

something there Oh spoiler on get on

334

00:18:35,700 --> 00:18:32,500

dismal dinner we are fairly late

335

00:18:38,279 --> 00:18:35,710

lamented assessment domestic intrusive

336

00:18:41,880 --> 00:18:38,289

visit Ian's in pasando medium vegetable

337

00:18:45,149 --> 00:18:41,890

our than how the name the simplest way

338

00:18:47,730 --> 00:18:45,159

would I interstellar yessir stand oh its

339

00:18:50,190 --> 00:18:47,740

mother I NPR was a partnership and I

340

00:18:54,299 --> 00:18:50,200

don't have I've learned kinetic dawn

341

00:18:56,760 --> 00:18:54,309

order in far what then ignore what he

342

00:18:59,399 --> 00:18:56,770

does only gotten if this does that

343

00:19:02,870 --> 00:18:59,409

device makes their that there that would

344

00:19:05,390 --> 00:19:02,880

air gave me a doubling in that

345

00:19:07,980 --> 00:19:05,400

neighborhood if you're really an

346

00:19:10,049 --> 00:19:07,990

experiment in also and he goes articles

347

00:19:12,990 --> 00:19:10,059

of a visionary international

348

00:19:14,940 --> 00:19:13,000

partnerships and bigoted us idea locally

349

00:19:17,070 --> 00:19:14,950

in Verdun text button for four

350

00:19:21,060 --> 00:19:17,080

generations the voltage monsters show me

351

00:19:24,419 --> 00:19:21,070

here please one day in AVR been very

352

00:19:27,029 --> 00:19:24,429

next this may be shown on would be in

353

00:19:30,060 --> 00:19:27,039

the Anglican and untwisting strategy of

354

00:19:32,220 --> 00:19:30,070

their defensive end of the trust he

355

00:19:35,460 --> 00:19:32,230

moogly child also an international

356

00:19:38,220 --> 00:19:35,470

novice Gion festival of the year is

357

00:19:45,570 --> 00:19:38,230

mainly to some sleep amor de mis fotos

358

00:19:49,919 --> 00:19:45,580

de las garras is not really an option to

359

00:19:52,680 --> 00:19:49,929

save up the minor that on the eye

360

00:19:55,110 --> 00:19:52,690

condition final colleague Monday shaken

361

00:19:59,640 --> 00:19:55,120

easy honestly village was enormous

362

00:20:02,100 --> 00:19:59,650

inviting me wooden swords but daddy I

363

00:20:06,419 --> 00:20:02,110

shall amend our tenant the apartment I

364

00:20:09,770 --> 00:20:06,429

complete irrelevant there's this our d

365

00:20:12,570 --> 00:20:09,780

suppose I don't feel tightly stazione a

366

00:20:13,640 --> 00:20:12,580

violent mob ships going to bed all clean

367

00:20:15,830 --> 00:20:13,650

them up ship

368

00:20:18,730 --> 00:20:15,840

when this is the thing and one for you

369

00:20:22,490 --> 00:20:18,740

but I own does this feel bad at the best

370

00:20:25,130 --> 00:20:22,500

so far by this vineyard suzama navajo

371

00:20:27,650 --> 00:20:25,140

people may love the Edit solution from

372

00:20:30,080 --> 00:20:27,660

the government event home down on the

373

00:20:32,870 --> 00:20:30,090

government in behind oh I'm are nebulas

374

00:20:35,870 --> 00:20:32,880

officer let me be a gymnast as violence

375

00:20:38,780 --> 00:20:35,880

examine their doin sittin there are

376

00:20:41,810 --> 00:20:38,790

people divider his department I don't as

377

00:20:45,800 --> 00:20:41,820

you prepare my mouth to probe eyes are

378

00:20:48,320 --> 00:20:45,810

burning a severe penance mmm i did with

379

00:20:51,880 --> 00:20:48,330

Luke include a common Archer between the

380

00:20:57,740 --> 00:20:51,890

vision shop to the name wouldn't get

381

00:21:00,950 --> 00:20:57,750

without the adult this is mr. little

382

00:21:05,540 --> 00:21:00,960

speaking again dr. is a new girl has

383

00:21:12,320 --> 00:21:05,550

finished now I am speaking migrating to

384

00:21:13,940 --> 00:21:12,330

comment on rape and 2 3gs 42 thank you

385

00:21:16,220 --> 00:21:13,950

very much better loot on we appreciate

386

00:21:18,920 --> 00:21:16,230

that this is an international flight and

387

00:21:23,300 --> 00:21:18,930

international crew and we're very

388

00:21:26,330 --> 00:21:23,310

privileged to be a part of it is to

389

00:21:32,860 --> 00:21:26,340

raise the Europeans are fine

390

00:21:38,960 --> 00:21:36,410

well I think days is a unique place to

391

00:21:41,750 --> 00:21:38,970

do scientific experiments for various

392

00:21:43,520 --> 00:21:41,760

reasons there's weightlessness for today

393

00:21:47,300 --> 00:21:43,530

long period of time there's no

394

00:21:49,430 --> 00:21:47,310

atmosphere and we also are the global

395

00:21:52,970 --> 00:21:49,440

views that's that we can study our own

396

00:21:54,970 --> 00:21:52,980

home planet and therefore I think

397

00:22:00,430 --> 00:21:54,980

there's a tremendous potential for

398

00:22:03,920 --> 00:22:00,440

scientific experiment we wish to reach

399

00:22:14,510 --> 00:22:03,930

the turn of the century how do you see

400

00:22:21,080 --> 00:22:17,620

oh the turn of the century I think Jeff

401  
00:22:25,250 --> 00:22:21,090  
from my personal point of view that it

402  
00:22:28,730 --> 00:22:25,260  
is clear that we should work together on

403  
00:22:31,880 --> 00:22:28,740  
the global scale and I'm a very

404  
00:22:35,090 --> 00:22:31,890  
privileged man that I have already an

405  
00:22:38,960 --> 00:22:35,100  
opportunity now adore flying over with

406  
00:22:42,470 --> 00:22:38,970  
the finest that's an odd sort of united

407  
00:22:45,320 --> 00:22:42,480  
states of america and i think we from a

408  
00:22:50,330 --> 00:22:45,330  
European point of view can learn a lot

409  
00:22:53,750 --> 00:22:50,340  
from them and I feel personally that we

410  
00:23:00,020 --> 00:22:53,760  
should intensify the corporation because

411  
00:23:03,860 --> 00:23:00,030  
we can learn a lot and if the poor our

412  
00:23:07,520 --> 00:23:03,870  
potential then I think we can accomplish

413  
00:23:11,300 --> 00:23:07,530

a lot this completes emissaries on

414

00:23:15,230 --> 00:23:11,310

speaking again I yet finished it is time

415

00:23:20,720 --> 00:23:15,240

to conclude our best wishes for success

416

00:23:24,890 --> 00:23:20,730

of 3842 mission to the whole truth Thank

417

00:23:26,420 --> 00:23:24,900

You commander Robin and put ice thank

418

00:23:37,299 --> 00:23:26,430

you very much much later than a real

419

00:23:54,520 --> 00:23:39,289

discovery Houston that concludes the

420

00:23:58,330 --> 00:23:56,380

discovery Houston we've got a good

421

00:24:03,100 --> 00:23:58,340

downlink video of you are you ready for

422

00:24:06,490 --> 00:24:03,110

your call from Canada discovery is ready

423

00:24:09,370 --> 00:24:06,500

for the call canada toronto houston

424

00:24:15,630 --> 00:24:09,380

please go ahead with your call dobry

425

00:24:21,420 --> 00:24:18,220

serato this is discovery commander rock

426

00:24:24,130 --> 00:24:21,430

baby speaking Arabic qualities wad clip

427

00:24:26,260 --> 00:24:24,140

good evening commander gravy this is jay

428

00:24:28,750 --> 00:24:26,270

Ingram at the Ontario Science Centre in

429

00:24:31,150 --> 00:24:28,760

Toronto Prime Minister Brian Mulrooney

430

00:24:33,400 --> 00:24:31,160

is standing by an Ottawa and the

431

00:24:36,030 --> 00:24:33,410

Minister for science William winegard is

432

00:24:38,410 --> 00:24:36,040

with me right beside me here in Toronto

433

00:24:43,180 --> 00:24:38,420

congratulations to you and all your crew

434

00:24:45,880 --> 00:24:43,190

and a very successful flight so far well

435

00:24:48,370 --> 00:24:45,890

exam perhaps the entire crew of I always

436

00:24:50,140 --> 00:24:48,380

said i'd like to thank you we have the

437

00:24:51,750 --> 00:24:50,150

very fortunate so for the flight to talk

438

00:24:54,160 --> 00:24:51,760

very well we're very pleased with that

439

00:24:56,110 --> 00:24:54,170

at this point i would like to turn

440

00:25:03,760 --> 00:24:56,120

things over to and introduce that dr.

441

00:25:06,070 --> 00:25:03,770

Roberto Panther hello dr. von der to

442

00:25:07,720 --> 00:25:06,080

start things off the right honourable

443

00:25:10,030 --> 00:25:07,730

Brian Mulrooney the Prime Minister is

444

00:25:14,830 --> 00:25:10,040

waiting in Ottawa and he's ready to

445

00:25:17,860 --> 00:25:14,840

speak with you right now good evening

446

00:25:20,560 --> 00:25:17,870

Roberta and the congratulations on

447

00:25:24,190 --> 00:25:20,570

becoming Canada's second space traveler

448

00:25:27,670 --> 00:25:24,200

as you know this is a year of

449

00:25:30,760 --> 00:25:27,680

celebration in Canada our 125th birthday

450

00:25:32,530 --> 00:25:30,770

and your flight has captured the

451  
00:25:34,810 --> 00:25:32,540  
imagination of all of your fellow

452  
00:25:37,570 --> 00:25:34,820  
Canadians probably in a way that you

453  
00:25:39,910 --> 00:25:37,580  
couldn't have imagined and the success

454  
00:25:42,280 --> 00:25:39,920  
of this international mission has

455  
00:25:44,290 --> 00:25:42,290  
demonstrated to the world that anything

456  
00:25:46,390 --> 00:25:44,300  
can be achieved with dedication and

457  
00:25:48,730 --> 00:25:46,400  
cooperation and I'm delighted to have

458  
00:25:50,770 --> 00:25:48,740  
this opportunity to congratulate you on

459  
00:25:57,270 --> 00:25:50,780  
what you and your colleagues have

460  
00:26:03,470 --> 00:26:01,120  
medical books that I DNR and perfect to

461  
00:26:04,910 --> 00:26:03,480  
be on board this particular missed

462  
00:26:07,220 --> 00:26:04,920  
we've had a great deal of science

463  
00:26:09,470 --> 00:26:07,230

accomplished so far and still have a

464

00:26:12,010 --> 00:26:09,480

couple more days we hope that be able to

465

00:26:14,690 --> 00:26:12,020

do a little bit more we have enjoyed

466

00:26:16,310 --> 00:26:14,700

with each other and working with each

467

00:26:18,740 --> 00:26:16,320

other and learning new things about the

468

00:26:22,460 --> 00:26:18,750

world about how we work and how we view

469

00:26:23,750 --> 00:26:22,470

science fantastic extension I just can't

470

00:26:26,510 --> 00:26:23,760

wait to get back and start telling

471

00:26:28,970 --> 00:26:26,520

people all about it revert I spoke

472

00:26:30,620 --> 00:26:28,980

earlier today with 10 money who told me

473

00:26:33,080 --> 00:26:30,630

that you would spend a little time just

474

00:26:34,910 --> 00:26:33,090

studying countries that they went by and

475

00:26:37,160 --> 00:26:34,920

I understand that you caught a glimpse

476

00:26:41,480 --> 00:26:37,170

of Canada during your mission what

477

00:26:43,610 --> 00:26:41,490

struck you most during the site so it's

478

00:26:45,620 --> 00:26:43,620

a lot of time today I had a diuretic

479

00:26:48,080 --> 00:26:45,630

accepted by the father actually have a

480

00:26:51,260 --> 00:26:48,090

recording of all by the courts are they

481

00:26:53,690 --> 00:26:51,270

talking up your volterra and i just have

482

00:26:55,240 --> 00:26:53,700

too short day again we're going right

483

00:26:57,530 --> 00:26:55,250

over tell and it was just fantastic

484

00:26:59,210 --> 00:26:57,540

hello it's winter time and we're going

485

00:27:01,520 --> 00:26:59,220

over the northern part of Terror we met

486

00:27:05,090 --> 00:27:01,530

a clown the Northwest Territories down

487

00:27:06,770 --> 00:27:05,100

the cops are into Quebec and Ontario and

488

00:27:08,420 --> 00:27:06,780

you could certainly go back and you can

489

00:27:10,940 --> 00:27:08,430

recognize all the land features that

490

00:27:13,790 --> 00:27:10,950

define how we do it don't make you

491

00:27:15,350 --> 00:27:13,800

Conrad and I'm not saying that's all for

492

00:27:17,180 --> 00:27:15,360

people who think that a country when

493

00:27:18,680 --> 00:27:17,190

it's winter time is not exciting let me

494

00:27:21,650 --> 00:27:18,690

tell you it's exceptionally exciting

495

00:27:24,980 --> 00:27:21,660

lesson starts very very clear and I just

496

00:27:26,720 --> 00:27:24,990

can't it I just have a sit down and walk

497

00:27:28,940 --> 00:27:26,730

across every mile of this beautiful

498

00:27:33,170 --> 00:27:28,950

country because it district so exciting

499

00:27:36,080 --> 00:27:33,180

as a parent is beautiful Roberta

500

00:27:39,920 --> 00:27:36,090

resident espalda Peter just a true Eska

501  
00:27:42,860 --> 00:27:39,930  
Davina aspartate register on the ravi

502  
00:27:53,720 --> 00:27:42,870  
sought a possible narazie okay enfermo

503  
00:27:56,930 --> 00:27:53,730  
de salir a toy after the bathtub you're

504  
00:28:00,490 --> 00:27:56,940  
all in the past so if you relate that's

505  
00:28:03,290 --> 00:28:00,500  
a bit of a modular you girls start up

506  
00:28:06,910 --> 00:28:03,300  
the Pacific dollar started where that

507  
00:28:11,050 --> 00:28:06,920  
elevator for example earlier girls

508  
00:28:18,260 --> 00:28:15,740  
just the query support all of a person

509  
00:28:20,540 --> 00:28:18,270  
if the service either success and the

510  
00:28:25,790 --> 00:28:20,550  
announcer all enjoy the Laplace made a

511  
00:28:28,760 --> 00:28:25,800  
couple so let's go professor oh boy you

512  
00:28:31,280 --> 00:28:28,770  
leave a citizen that shows the new

513  
00:28:33,590 --> 00:28:31,290

villain insular that the solid buffer

514

00:28:54,920 --> 00:28:33,600

and seven ensures they should return to

515

00:28:58,850 --> 00:28:54,930

the soft detection applets yet is there

516

00:29:00,620 --> 00:28:58,860

other problems the Canadians across the

517

00:29:02,360 --> 00:29:00,630

country have been following your mission

518

00:29:04,910 --> 00:29:02,370

with great interest in pride I wonder if

519

00:29:09,920 --> 00:29:04,920

you have a special message for them

520

00:29:12,950 --> 00:29:09,930

tonight I think our country has much to

521

00:29:14,810 --> 00:29:12,960

be proud of in terms of things we've

522

00:29:18,460 --> 00:29:14,820

accomplished the foreign country

523

00:29:21,290 --> 00:29:18,470

especially in the field of science very

524

00:29:23,450 --> 00:29:21,300

hard to be Acadian as part of this crew

525

00:29:25,190 --> 00:29:23,460

and I think that all Canadians should be

526

00:29:27,710 --> 00:29:25,200

very pleased with the things that we do

527

00:29:29,300 --> 00:29:27,720

different things there's other things we

528

00:29:31,640 --> 00:29:29,310

do and the wonderful things that we

529

00:29:33,650 --> 00:29:31,650

share in our culture and our spirit I

530

00:29:35,810 --> 00:29:33,660

think our country has great potential

531

00:29:37,250 --> 00:29:35,820

and I think it's up to each one of us

532

00:29:39,580 --> 00:29:37,260

are you sure that we achieve our

533

00:29:42,110 --> 00:29:39,590

potential respective young people

534

00:29:43,760 --> 00:29:42,120

Roberta all Canadians are proud of you

535

00:29:45,500 --> 00:29:43,770

and what you've achieved and I'd like to

536

00:29:49,370 --> 00:29:45,510

congratulate your other crew members as

537

00:29:51,860 --> 00:29:49,380

well on this splendid achievement and on

538

00:29:54,290 --> 00:29:51,870

behalf of all Canadians wish you all a

539

00:30:00,590 --> 00:29:54,300

very safe journey home god bless you all

540

00:30:02,390 --> 00:30:00,600

thank you very much dependent on behalf

541

00:30:06,440 --> 00:30:02,400

of the entire cruise thank you very much

542

00:30:08,210 --> 00:30:06,450

for those wishes dr. Bondar this is jay

543

00:30:10,880 --> 00:30:08,220

Ingram back in Toronto again thank you

544

00:30:13,130 --> 00:30:10,890

very much mr. Mulrooney I have with me

545

00:30:15,440 --> 00:30:13,140

the Honorable William winegard the

546

00:30:18,380 --> 00:30:15,450

Minister for science I think he'd like

547

00:30:21,789 --> 00:30:18,390

to take over and talk to you now well

548

00:30:24,279 --> 00:30:21,799

Roberta at it doesn't seem

549

00:30:26,889 --> 00:30:24,289

possible that when you graduated from

550

00:30:28,720 --> 00:30:26,899

the University of Guelph at all these

551  
00:30:31,389 --> 00:30:28,730  
years later we would be have the

552  
00:30:37,389 --> 00:30:31,399  
opportunity to talk like this it is

553  
00:30:39,659 --> 00:30:37,399  
quite thrilling for us I have 700 700

554  
00:30:42,249 --> 00:30:39,669  
people than the Ontario Science Centre

555  
00:30:45,669 --> 00:30:42,259  
200 of whom are children many girl

556  
00:30:52,259 --> 00:30:45,679  
guides they have asked me to ask you one

557  
00:30:58,149 --> 00:30:56,889  
so it's very very exciting it's all it's

558  
00:31:00,489 --> 00:30:58,159  
really something to be able to just

559  
00:31:02,409 --> 00:31:00,499  
float around and just around the Duke

560  
00:31:05,379 --> 00:31:02,419  
sort of at nighttime not worried about

561  
00:31:07,779 --> 00:31:05,389  
your pillow or even perhaps of the

562  
00:31:09,369 --> 00:31:07,789  
buddies are commended baby here to grab

563  
00:31:11,889 --> 00:31:09,379

you back down to earth event up here in

564

00:31:14,680 --> 00:31:11,899

space but the most exciting part of it

565

00:31:17,739 --> 00:31:14,690

you thought working beside its be able

566

00:31:19,960 --> 00:31:17,749

to have some perspective on where we are

567

00:31:21,759 --> 00:31:19,970

in the world today and to be able to

568

00:31:25,320 --> 00:31:21,769

look death so it's not a beautiful

569

00:31:27,879 --> 00:31:25,330

planet there is a crisp beautiful clear

570

00:31:30,159 --> 00:31:27,889

brilliant blue atmosphere that we see

571

00:31:32,080 --> 00:31:30,169

and we said what time we have been in

572

00:31:33,729 --> 00:31:32,090

the sunlight on the orbiter two days

573

00:31:35,169 --> 00:31:33,739

we've never hurry up that night for a

574

00:31:37,779 --> 00:31:35,179

while we haven't had the darkness shine

575

00:31:39,789 --> 00:31:37,789

the new over yet it has been absolutely

576

00:31:41,190 --> 00:31:39,799

incredible looking down and seeing all

577

00:31:44,109 --> 00:31:41,200

the countries without boundaries

578

00:31:45,759 --> 00:31:44,119

everything granted it to us and you

579

00:31:47,769 --> 00:31:45,769

don't really care to people down or

580

00:31:49,989 --> 00:31:47,779

sometimes you can see the results of the

581

00:31:52,149 --> 00:31:49,999

words the people of dust but for the

582

00:31:54,369 --> 00:31:52,159

most part you get this incredible form

583

00:31:57,340 --> 00:31:54,379

that the whole world is such a unique

584

00:31:59,529 --> 00:31:57,350

place and is all one and we should try

585

00:32:02,259 --> 00:31:59,539

to preserve it that way I really feel

586

00:32:08,109 --> 00:32:02,269

very strongly that we are certain are

587

00:32:11,289 --> 00:32:08,119

one planet some of the children have

588

00:32:15,669 --> 00:32:11,299

also have an interest in the canadian IM

589

00:32:17,440 --> 00:32:15,679

x MX motion picture camera they want it

590

00:32:25,210 --> 00:32:17,450

all but still functioning well on its

591

00:32:27,220 --> 00:32:25,220

ninth journey into space its functioning

592

00:32:28,960 --> 00:32:27,230

very well we've had a lot of parts like

593

00:32:30,999 --> 00:32:28,970

you survived back to the look of it

594

00:32:32,619 --> 00:32:31,009

doing here but the pentagram is just

595

00:32:33,880 --> 00:32:32,629

going to come over today yourself

596

00:32:35,680 --> 00:32:33,890

canister

597

00:32:37,350 --> 00:32:35,690

this is what it looks like now I notice

598

00:32:44,230 --> 00:32:37,360

of course it would be listed like this

599

00:32:46,510 --> 00:32:44,240

but in space they can float by itself so

600

00:32:49,120 --> 00:32:46,520

we're trying to get footage of here on

601  
00:32:50,740 --> 00:32:49,130  
earth what it's like to live out there

602  
00:32:52,450 --> 00:32:50,750  
the kind of science that we need to do

603  
00:32:54,490 --> 00:32:52,460  
in order to be able to understand what

604  
00:32:56,080 --> 00:32:54,500  
it's like to be interface and to help

605  
00:32:58,150 --> 00:32:56,090  
them solve some of those mysteries that

606  
00:32:59,560 --> 00:32:58,160  
we've discovered and actually what we

607  
00:33:01,270 --> 00:32:59,570  
discovered an inside there are a lot

608  
00:33:05,710 --> 00:33:01,280  
more mysteries that have to be looked

609  
00:33:08,080 --> 00:33:05,720  
into and questions raised and tops and

610  
00:33:10,480 --> 00:33:08,090  
experiments to solve in the future years

611  
00:33:12,520 --> 00:33:10,490  
ahead so I think that does be our next

612  
00:33:14,620 --> 00:33:12,530  
stomach it's going to be most exciting

613  
00:33:16,750 --> 00:33:14,630

to be able to food disley board too i

614

00:33:18,310 --> 00:33:16,760

hope they understood one big ability see

615

00:33:20,200 --> 00:33:18,320

more clearly the kinds of things were

616

00:33:23,410 --> 00:33:20,210

able to do in the last few days i heerd

617

00:33:26,430 --> 00:33:23,420

space thank you i might one last word

618

00:33:28,720 --> 00:33:26,440

for me Roberta i must say that your

619

00:33:36,970 --> 00:33:28,730

somersaulting on sunday was what's more

620

00:33:39,520 --> 00:33:36,980

interesting than the game watch that

621

00:33:46,180 --> 00:33:39,530

edge attended canadian cheddar would say

622

00:33:48,520 --> 00:33:46,190

my kid this is jay ingram again dr.

623

00:33:51,040 --> 00:33:48,530

Bondar thanks very much for taking the

624

00:33:54,310 --> 00:33:51,050

time to talk to us and thank you also

625

00:33:55,780 --> 00:33:54,320

commander gravy for setting setting time

626

00:33:58,240 --> 00:33:55,790

aside for us to be able to talk to you

627

00:34:00,310 --> 00:33:58,250

both from toronto here william

628

00:34:02,170 --> 00:34:00,320

Weingarten myself and for the prime

629

00:34:19,180 --> 00:34:02,180

minister mr. Mulrooney in ottawa thank

630

00:34:23,379 --> 00:34:21,069

discovery Houston we have good down

631

00:34:31,500 --> 00:34:23,389

leaked video from the lab you ready for

632

00:34:37,149 --> 00:34:34,359

our discovery stand by where I'm the

633

00:34:40,599 --> 00:34:37,159

marshal press ENTER Marshall your go

634

00:34:42,399 --> 00:34:40,609

with your call discovery this is the

635

00:34:47,369 --> 00:34:42,409

Marshall press center we're ready to

636

00:34:55,629 --> 00:34:53,290

clear and we're ready to begin good

637

00:34:57,129 --> 00:34:55,639

morning I have a question for dr. von

638

00:34:59,020 --> 00:34:57,139

der we don't have too many Canadians in

639

00:35:00,849 --> 00:34:59,030

space so I'd like to start off with her

640

00:35:03,010 --> 00:35:00,859

it's my comma list from broadcast news

641

00:35:05,589 --> 00:35:03,020

Canada dr. Banda I wonder if you could

642

00:35:07,240 --> 00:35:05,599

describe those three hours sitting in a

643

00:35:08,950 --> 00:35:07,250

shuttle waiting to take off last

644

00:35:10,480 --> 00:35:08,960

Wednesday what was it like what were you

645

00:35:22,260 --> 00:35:10,490

thinking about and then could you

646

00:35:22,270 --> 00:35:29,130

with my colleagues we're ready to grab

647

00:35:34,780 --> 00:35:31,870

proceed with the cab down and when we

648

00:35:36,970 --> 00:35:34,790

actually got to the point of liftoff it

649

00:35:38,920 --> 00:35:36,980

was just absolutely wonderful to be on

650

00:35:45,190 --> 00:35:38,930

the m'dok hearing aids I crusing

651

00:35:46,839 --> 00:35:45,200

marvelous marvelous Canadian

652

00:35:49,390 --> 00:35:46,849

Broadcasting Corporation for Roberta

653

00:35:51,160 --> 00:35:49,400

bonder Roberta we know how much you were

654

00:35:53,109 --> 00:35:51,170

looking forward to looking down at the

655

00:35:55,329 --> 00:35:53,119

planet and out to the Stars can you

656

00:35:56,680 --> 00:35:55,339

share with us just what your thoughts

657

00:36:03,890 --> 00:35:56,690

and feelings have been as you've done

658

00:36:08,400 --> 00:36:06,780

it's very very difficult to describe and

659

00:36:10,950 --> 00:36:08,410

I think that's what everybody says my

660

00:36:12,570 --> 00:36:10,960

impression of the planet Earth is there

661

00:36:16,620 --> 00:36:12,580

certainly the title of the planet was a

662

00:36:18,960 --> 00:36:16,630

good one because the shiny bright jewel

663

00:36:21,150 --> 00:36:18,970

that we have with a pretty limited when

664

00:36:25,560 --> 00:36:21,160

I first got to the window is one of the

665

00:36:28,500 --> 00:36:25,570

first things I wanted to do and it was

666

00:36:30,870 --> 00:36:28,510

very very exciting for me to be able to

667

00:36:33,240 --> 00:36:30,880

look down and when I first came over

668

00:36:35,700 --> 00:36:33,250

Terra it was a biggest role imaginable

669

00:36:37,800 --> 00:36:35,710

with Renault whether it has to be it was

670

00:36:40,140 --> 00:36:37,810

absolutely beautiful spectacular and I

671

00:36:41,550 --> 00:36:40,150

I'm coming back to earth with a feeling

672

00:36:45,800 --> 00:36:41,560

that there is absolutely nothing boring

673

00:36:49,050 --> 00:36:45,810

there is no boring place anywhere planet

674

00:36:54,210 --> 00:36:49,060

Joe anaconda Raju Canada in case to

675

00:36:57,180 --> 00:36:54,220

enforce a favela dr. Banda dr. Banda

676  
00:37:00,780 --> 00:36:57,190  
leaves at 6am Beatrice expect Rebecca

677  
00:37:04,650 --> 00:37:00,790  
moufette actual ma s cursive irritably

678  
00:37:24,180 --> 00:37:04,660  
Medici the Feld is experienced geodetic

679  
00:37:26,760 --> 00:37:24,190  
repair HIPAA do sauce your cheek under

680  
00:37:28,560 --> 00:37:26,770  
kevin visit from cfb see radio in saint

681  
00:37:58,390 --> 00:37:28,570  
john new brunswick what's been the most

682  
00:38:09,559 --> 00:38:05,089  
so if she's jumping on his last trip of

683  
00:38:13,249 --> 00:38:09,569  
the field for the identity card on

684  
00:38:20,569 --> 00:38:13,259  
advances before becoming exact amount of

685  
00:38:26,839 --> 00:38:20,579  
silver leather Oh Adamas pass a you know

686  
00:38:32,599 --> 00:38:26,849  
concluded time also RCC affilliate there

687  
00:38:34,399 --> 00:38:32,609  
to fill it them okay again it's kevin

688  
00:38:37,089 --> 00:38:34,409

visit from cfb see radio in saint john

689

00:38:38,959 --> 00:38:37,099

new brunswick dr. Bondar if you could

690

00:38:49,429 --> 00:38:38,969

tell us what's been the most difficult

691

00:38:51,709 --> 00:38:49,439

thing to adapt to in in space it's

692

00:38:53,719 --> 00:38:51,719

really easy with true that we're having

693

00:38:56,239 --> 00:38:53,729

here to look everybody has a lot of

694

00:38:58,279 --> 00:38:56,249

experience in sixth grade and they've

695

00:39:01,039 --> 00:38:58,289

been able to help me a lot but for me

696

00:39:03,199 --> 00:39:01,049

the most difficult thing has been to

697

00:39:04,640 --> 00:39:03,209

learn how to secure yourself I think it

698

00:39:07,429 --> 00:39:04,650

took a couple of days for me to be able

699

00:39:09,739 --> 00:39:07,439

to get the hang of going between these

700

00:39:11,509 --> 00:39:09,749

space lab and the back through the

701  
00:39:13,969 --> 00:39:11,519  
tunnel without becoming a totally

702  
00:39:16,519 --> 00:39:13,979  
disoriented it's kind of a beautiful

703  
00:39:18,169 --> 00:39:16,529  
feeling to come up from the mid back

704  
00:39:19,880 --> 00:39:18,179  
into the space lab and you think you're

705  
00:39:21,829 --> 00:39:19,890  
in that direction you pop up into the

706  
00:39:24,259 --> 00:39:21,839  
space lab and though you're upside down

707  
00:39:30,259 --> 00:39:24,269  
with reference to verticals that we

708  
00:39:32,059 --> 00:39:30,269  
learned on Stephen Straus from The Globe

709  
00:39:35,209 --> 00:39:32,069  
and Mail newspaper in Toronto this is

710  
00:39:37,309 --> 00:39:35,219  
for dr. Bondar I know you're working on

711  
00:39:41,599 --> 00:39:37,319  
a book with your sister about the the

712  
00:39:44,989 --> 00:39:41,609  
science of the IML mission what will you

713  
00:39:47,809 --> 00:39:44,999

put in the book now or emphasize having

714

00:39:56,329 --> 00:39:47,819

actually flown that you might not have

715

00:39:58,759 --> 00:39:56,339

put in before the vigorous dose and a

716

00:40:02,209 --> 00:39:58,769

berry berry on taste about some of the

717

00:40:03,679 --> 00:40:02,219

the absence of doing science space some

718

00:40:05,839 --> 00:40:03,689

of the things that we need to not only

719

00:40:07,509 --> 00:40:05,849

tell her the young people who are

720

00:40:10,520 --> 00:40:07,519

hopeful will read the book but also

721

00:40:13,010 --> 00:40:10,530

outside us who have to

722

00:40:14,690 --> 00:40:13,020

put on experiments say floyd i also

723

00:40:16,820 --> 00:40:14,700

would like to put a little bit more

724

00:40:18,740 --> 00:40:16,830

about really living up here because it

725

00:40:21,200 --> 00:40:18,750

is fun we've had a good time together

726

00:40:23,900 --> 00:40:21,210

and a lot of little tricks that you

727

00:40:26,060 --> 00:40:23,910

learned up here and a lot of experience

728

00:40:28,580 --> 00:40:26,070

that you gave mother's terms of trying

729

00:40:32,870 --> 00:40:28,590

to make this wonderful farm and which to

730

00:40:34,400 --> 00:40:32,880

live for dr. von der eaves savory a

731

00:40:35,570 --> 00:40:34,410

Canadian Broadcasting Corporation the

732

00:40:36,920 --> 00:40:35,580

question that you were asked in French

733

00:40:39,230 --> 00:40:36,930

dr. boulder you had said it was the

734

00:40:45,650 --> 00:40:39,240

biggest open book exam of your life how

735

00:40:47,480 --> 00:40:45,660

has that played out it was not another

736

00:40:51,020 --> 00:40:47,490

estimation let me tell you when you

737

00:40:52,670 --> 00:40:51,030

first start up for me here in the space

738

00:40:54,650 --> 00:40:52,680

lab we first started up the series of

739

00:40:56,630 --> 00:40:54,660

experiments few work with 20 palms

740

00:40:58,640 --> 00:40:56,640

because you know how much work decided

741

00:41:00,860 --> 00:40:58,650

to put into putting experiments together

742

00:41:03,140 --> 00:41:00,870

we only hope that the data that they're

743

00:41:05,900 --> 00:41:03,150

going to get back from the space mission

744

00:41:08,450 --> 00:41:05,910

will be reflective of all our caring and

745

00:41:11,210 --> 00:41:08,460

effort that we put in up here for terms

746

00:41:15,290 --> 00:41:11,220

of the exam I'm up there when we get

747

00:41:18,170 --> 00:41:15,300

back with all we all get sour phrase my

748

00:41:21,040 --> 00:41:18,180

question will be directed to dr. Bondar

749

00:41:25,070 --> 00:41:21,050

my name is rheal de mudar raju kannada

750

00:41:27,610 --> 00:41:25,080

libertà Mousavi that skips a very petite

751  
00:41:43,600 --> 00:41:27,620  
is experience of their found on tourism

752  
00:41:43,610 --> 00:41:49,339  
specificity

753  
00:41:49,349 --> 00:41:56,010  
you

754  
00:42:02,200 --> 00:41:59,410  
Roberta bonjour was a very petty found

755  
00:42:06,040 --> 00:42:02,210  
out do sauce is experienced on Spacelab

756  
00:42:15,450 --> 00:42:06,050  
vco Marshalls Space Center esta SE passe

757  
00:42:19,599 --> 00:42:15,460  
de la Memphis o Donis pasta sauces

758  
00:42:21,849 --> 00:42:19,609  
trouble but honest answer that but

759  
00:42:26,280 --> 00:42:21,859  
critically the third is extending our

760  
00:42:29,050 --> 00:42:26,290  
solid vampire to the orbiter forgive

761  
00:42:31,300 --> 00:42:29,060  
whistle you need a book to the time so

762  
00:42:37,089 --> 00:42:31,310  
upsetting experience an honest answer

763  
00:42:40,330 --> 00:42:37,099

could simplify our battle my name is

764

00:42:43,210 --> 00:42:40,340

Klaus water I'm asking omit it for zdf

765

00:42:45,220 --> 00:42:43,220

German TV if I first would like to ask

766

00:42:47,770 --> 00:42:45,230

you in English and switched to two

767

00:42:50,410 --> 00:42:47,780

German after your first space flight you

768

00:42:53,680 --> 00:42:50,420

spoke of the vulnerability of the planet

769

00:42:56,230 --> 00:42:53,690

earth now well back into space what do

770

00:42:58,720 --> 00:42:56,240

you think how can we on earth get profit

771

00:43:03,040 --> 00:42:58,730

out of the space and the conditions you

772

00:43:05,349 --> 00:43:03,050

flaunt their the omen based on four foot

773

00:43:06,910 --> 00:43:05,359

nom with me about convenience of the air

774

00:43:14,609 --> 00:43:06,920

today in that so pumped i'm also not

775

00:43:23,999 --> 00:43:20,089

I think Jeff that is no question that

776

00:43:28,380 --> 00:43:24,009

space God from my perspective has a lot

777

00:43:31,140 --> 00:43:28,390

of potential first of all we use pays as

778

00:43:34,730 --> 00:43:31,150

a unique laboratory and do experiments

779

00:43:38,009 --> 00:43:34,740

in all different scientific areas

780

00:43:40,079 --> 00:43:38,019

there's observation the designs life

781

00:43:43,529 --> 00:43:40,089

sciences and burn and all the knowledge

782

00:43:46,319 --> 00:43:43,539

came there there will help door make

783

00:43:51,779 --> 00:43:46,329

life from Earth better in addition a

784

00:43:54,390 --> 00:43:51,789

smart cell requires that they hijack the

785

00:43:57,900 --> 00:43:54,400

Borgias seven reasons technology is

786

00:44:00,650 --> 00:43:57,910

stimulated and the classical example of

787

00:44:03,839 --> 00:44:00,660

this kind is the Apollo program i think

788

00:44:05,970 --> 00:44:03,849

simulated tremendously the development

789

00:44:12,059 --> 00:44:05,980

of the integrated circuits because the

790

00:44:16,259 --> 00:44:12,069

only powerful but night and very

791

00:44:18,809 --> 00:44:16,269

reliable computers a lot the Americans

792

00:44:20,970 --> 00:44:18,819

to fly to the moon in addition that

793

00:44:23,339 --> 00:44:20,980

there's also philosophical dimension is

794

00:44:25,440 --> 00:44:23,349

for the first time in human history that

795

00:44:28,829 --> 00:44:25,450

we have the means an end to leave the

796

00:44:32,160 --> 00:44:28,839

planet and I think that will change our

797

00:44:34,589 --> 00:44:32,170

views and therefore there's no question

798

00:44:36,870 --> 00:44:34,599

in my mind that phase right he's a

799

00:44:43,739 --> 00:44:36,880

thought and it would be a tremendous

800

00:44:45,269 --> 00:44:43,749

mistake not to do it sorry Robinson of

801  
00:44:47,279 --> 00:44:45,279  
the European Space Agency I have

802  
00:44:50,130 --> 00:44:47,289  
questions now from our press watching

803  
00:44:52,410 --> 00:44:50,140  
you directly from Europe the first one

804  
00:44:55,859 --> 00:44:52,420  
from peets moldos Dutch face writer of

805  
00:44:58,259 --> 00:44:55,869  
Baja television wolf almost ten years

806  
00:44:59,999 --> 00:44:58,269  
ago you made your first base flight is

807  
00:45:03,210 --> 00:45:00,009  
there a distinct difference between your

808  
00:45:05,519 --> 00:45:03,220  
personal experience then and now from a

809  
00:45:11,309 --> 00:45:05,529  
psychological and physiological point of

810  
00:45:15,390 --> 00:45:11,319  
view now that this type of eight years

811  
00:45:20,400 --> 00:45:15,400  
ago I think I made years older but that

812  
00:45:28,000 --> 00:45:23,680  
eh I'll show man Dutch space editor

813  
00:45:30,760 --> 00:45:28,010

health muniz fancy coupon what to Tehran

814

00:45:33,790 --> 00:45:30,770

gravit what has been the most exciting

815

00:45:42,970 --> 00:45:33,800

and unexpected event during this IML

816

00:45:45,370 --> 00:45:42,980

mission so far the most exciting of them

817

00:45:48,460 --> 00:45:45,380

places what I think really has to be the

818

00:45:49,990 --> 00:45:48,470

SFA's the first date man and it's really

819

00:45:52,270 --> 00:45:50,000

at the focal point of the unleashing of

820

00:45:53,710 --> 00:45:52,280

a lot of power so regardless what

821

00:45:55,150 --> 00:45:53,720

happens after that that's still gotta be

822

00:46:00,910 --> 00:45:55,160

the most exciting thing that regard to

823

00:46:03,520 --> 00:46:00,920

experience some television again with me

824

00:46:05,740 --> 00:46:03,530

about do you think that in your opinion

825

00:46:08,050 --> 00:46:05,750

should space exploration continuing

826

00:46:10,300 --> 00:46:08,060

national programs or do you see any

827

00:46:12,970 --> 00:46:10,310

chance to get more cooperation instead

828

00:46:18,849 --> 00:46:12,980

of more competition even through the

829

00:46:22,420 --> 00:46:18,859

cost will be reduced my mind is very

830

00:46:24,940 --> 00:46:22,430

ryman trailer off corporation and I

831

00:46:28,690 --> 00:46:24,950

think the RMF life beside me are on that

832

00:46:31,900 --> 00:46:28,700

now is it not an example therefore for

833

00:46:34,540 --> 00:46:31,910

poverty programs because we have an

834

00:46:37,599 --> 00:46:34,550

international crew we have experiments

835

00:46:42,640 --> 00:46:37,609

have many different nations and I think

836

00:46:45,700 --> 00:46:42,650

that is the way to do it Deutsche

837

00:46:47,829 --> 00:46:45,710

invention in zone bedroom politic most

838

00:46:49,870 --> 00:46:47,839

Murphy debate on political fortunes

839

00:46:57,339 --> 00:46:49,880

bedrooms in deutschland of the unit

840

00:47:02,260 --> 00:46:57,349

vigabatrin dr. joyna god polynesian

841

00:47:04,660 --> 00:47:02,270

injure the divers won't draw in recent

842

00:47:09,849 --> 00:47:04,670

international petroleum and there's our

843

00:47:11,770 --> 00:47:09,859

problem another question for all from

844

00:47:14,829 --> 00:47:11,780

high school pals from home fat in for

845

00:47:17,200 --> 00:47:14,839

Dean's after your second experience in

846

00:47:18,880 --> 00:47:17,210

space what advice do you give to future

847

00:47:25,640 --> 00:47:18,890

colleagues who will be exposed on

848

00:47:25,650 --> 00:47:30,430

you

849

00:47:35,319 --> 00:47:33,339

well I think I'm not really in the

850

00:47:39,640 --> 00:47:35,329

position to give good advice because

851

00:47:41,920 --> 00:47:39,650

then if i'm lucky i will spend 18 days

852

00:47:46,210 --> 00:47:41,930

in orbit which is not a very long period

853

00:47:54,160 --> 00:47:46,220

of time I think the best people to give

854

00:47:55,870 --> 00:47:54,170

advice i watch if bas bahu is eden gets

855

00:48:01,839 --> 00:47:55,880

there goes to enter sheet in games apps

856

00:48:03,940 --> 00:48:01,849

to give us miss your daddy appears the

857

00:48:06,490 --> 00:48:03,950

resort is still be here as I think

858

00:48:10,450 --> 00:48:06,500

they're after all my subscribers that

859

00:48:16,390 --> 00:48:10,460

does is it was ok subscribe I'm Jenna

860

00:48:17,559 --> 00:48:16,400

Tamara tina device this is brian

861

00:48:20,319 --> 00:48:17,569

recruiter with the CBS television

862

00:48:22,150 --> 00:48:20,329

affiliate in huntsville alabama this is

863

00:48:23,650 --> 00:48:22,160

for any of the crew members who've been

864

00:48:25,809 --> 00:48:23,660

experiencing the sickness and the

865

00:48:28,270 --> 00:48:25,819

rotating chair did you have that problem

866

00:48:30,339 --> 00:48:28,280

when you attempt it the rotating chair

867

00:48:40,540 --> 00:48:30,349

on earth and why do you suppose you are

868

00:48:48,349 --> 00:48:43,760

okay well somehow I managed to get this

869

00:48:50,960 --> 00:48:48,359

one's the the rotating chair can be a

870

00:48:52,940 --> 00:48:50,970

challenge at times but I think in

871

00:48:55,490 --> 00:48:52,950

general we've been able to to get

872

00:48:57,290 --> 00:48:55,500

through most of it a lot of folks

873

00:48:58,849 --> 00:48:57,300

probably about two-thirds of folks are a

874

00:49:01,160 --> 00:48:58,859

little bit queasy on the first couple of

875

00:49:03,620 --> 00:49:01,170

days anytime you're doing any unique

876

00:49:05,450 --> 00:49:03,630

motion that tends to exacerbate it the

877

00:49:07,490 --> 00:49:05,460

care induces motion so as you might

878

00:49:10,940 --> 00:49:07,500

understand it also exacerbates an

879

00:49:12,710 --> 00:49:10,950

equation as you're having good morning

880

00:49:14,420 --> 00:49:12,720

I'm Carrie Martin from the NBC affiliate

881

00:49:16,070 --> 00:49:14,430

here in Huntsville Alabama Lieutenant

882

00:49:21,550 --> 00:49:16,080

Colonel David humours i read that you've

883

00:49:26,060 --> 00:49:21,560

become fairly relaxed in this nauseating

884

00:49:27,590 --> 00:49:26,070

motion experience experiment what is

885

00:49:30,340 --> 00:49:27,600

your mindset going into some of these

886

00:49:32,840 --> 00:49:30,350

experience experiments are you

887

00:49:34,550 --> 00:49:32,850

personally and genuinely interested or

888

00:49:36,440 --> 00:49:34,560

is it more like a giant playground where

889

00:49:38,900 --> 00:49:36,450

you get laid with the toys and do you

890

00:49:57,849 --> 00:49:38,910

leave the interpretation for the doctors

891

00:50:02,719 --> 00:50:00,079

okay I'm not sure I heard all the

892

00:50:04,999 --> 00:50:02,729

questions or something about me being

893

00:50:09,069 --> 00:50:05,009

relaxed going to the experiments that I

894

00:50:11,150 --> 00:50:09,079

actually found the MBI experiment to be

895

00:50:14,420 --> 00:50:11,160

one that I have difficulty sometimes

896

00:50:16,999 --> 00:50:14,430

stayed awake during and I found myself

897

00:50:20,959 --> 00:50:17,009

today trying to sing the Marine Corps

898

00:50:23,059 --> 00:50:20,969

hymn or any other song that has a lively

899

00:50:27,349 --> 00:50:23,069

beat to try to stay awake but I find it

900

00:50:30,620 --> 00:50:27,359

kind of relaxing I enjoy the bank last

901  
00:50:33,859 --> 00:50:30,630  
specs and the physiological aspects of

902  
00:50:36,259 --> 00:50:33,869  
the data and what it might provide for a

903  
00:50:38,449 --> 00:50:36,269  
future basis for solving some of the

904  
00:50:41,660 --> 00:50:38,459  
problems that we have going into space

905  
00:50:43,729 --> 00:50:41,670  
and I look forward to a great deal to

906  
00:50:47,449 --> 00:50:43,739  
find out what the results will be we've

907  
00:50:50,509 --> 00:50:47,459  
all put a lot of effort into trained for

908  
00:50:53,089 --> 00:50:50,519  
this and cheer on orbit signing the

909  
00:50:54,529 --> 00:50:53,099  
chair and when we get back home we're

910  
00:50:56,689 --> 00:50:54,539  
not finished yet we still have a few

911  
00:50:57,829 --> 00:50:56,699  
more days of data collection to take it

912  
00:50:59,809 --> 00:50:57,839  
so well we're going to be most

913  
00:51:03,140 --> 00:50:59,819

interesting to sit interested in seeing

914

00:51:05,979 --> 00:51:03,150

whether our results will be as fruitful

915

00:51:08,089 --> 00:51:05,989

as all the work that we put into it

916

00:51:09,949 --> 00:51:08,099

Robert Donovan with the birmingham news

917

00:51:12,319 --> 00:51:09,959

I've been impressed by the bilingual

918

00:51:13,309 --> 00:51:12,329

international crew aspect of this when

919

00:51:14,779 --> 00:51:13,319

are we going to begin to see some

920

00:51:16,999 --> 00:51:14,789

Russians up there with you and do you

921

00:51:30,810 --> 00:51:17,009

have any x influence you can exert

922

00:51:37,480 --> 00:51:35,410

dragons started it's the only thing gold

923

00:51:40,750 --> 00:51:37,490

ink remember the crew everybody else is

924

00:51:42,340 --> 00:51:40,760

released I lingual but I guess things

925

00:51:44,680 --> 00:51:42,350

are changing in the world so rapidly

926

00:51:47,980 --> 00:51:44,690

right now that is to call i want that i

927

00:51:52,450 --> 00:51:47,990

would not be surprised to see the city

928

00:51:53,890 --> 00:51:52,460

united states and and i say in europe in

929

00:51:56,200 --> 00:51:53,900

other places in the world wasn't again

930

00:51:59,980 --> 00:51:56,210

with registers in screwing our

931

00:52:07,690 --> 00:51:59,990

technology to accomplish their goals of

932

00:52:09,790 --> 00:52:07,700

all meet at the last question this is

933

00:52:12,700 --> 00:52:09,800

Klaus water from German television cdf

934

00:52:14,800 --> 00:52:12,710

again asking both me aboard a mirrored

935

00:52:16,630 --> 00:52:14,810

clowns addenda steer on für eine stogs

936

00:52:19,300 --> 00:52:16,640

of matzah and beasting hips metal in the

937

00:52:21,850 --> 00:52:19,310

politic van con leche tasman park it all

938

00:52:23,530 --> 00:52:21,860

staff found a house here de niro and

939

00:52:43,630 --> 00:52:23,540

under blinked two ish combines on a warm

940

00:52:45,970 --> 00:52:43,640

fire for come prepared I'm and vista

941

00:52:48,250 --> 00:52:45,980

gives me today politic van I not wish to

942

00:52:59,560 --> 00:52:48,260

go submitted a politic van on the era

943

00:53:08,930 --> 00:53:04,670

yeah I phenomenon of the device the

944

00:53:11,930 --> 00:53:08,940

Emperor driven 84 hours even globally

945

00:53:16,280 --> 00:53:11,940

memory module so much and I'll be the

946

00:53:20,960 --> 00:53:16,290

visor isn't on jail conditions discard

947

00:53:23,510 --> 00:53:20,970

one does via our tower through so I'm

948

00:53:25,609 --> 00:53:23,520

called meconium in Gambia of the

949

00:53:29,000 --> 00:53:25,619

editable Bailey the written version of

950

00:53:33,230 --> 00:53:29,010

sleeping suzama nada MP also maybe the

951  
00:53:36,310 --> 00:53:33,240  
villas over again this time that are

952  
00:53:39,290 --> 00:53:36,320  
those of you shopping care birdy types

953  
00:53:43,820 --> 00:53:39,300  
he almost wish to the earth or darkest

954  
00:53:48,050 --> 00:53:43,830  
desires as we are undefeated no they

955  
00:53:50,180 --> 00:53:48,060  
added Tina Turner Hugo carro Thank You

956  
00:53:52,280 --> 00:53:50,190  
discovery that includes the questions

957  
00:53:53,960 --> 00:53:52,290  
from the marshal press center stand by

958  
00:53:58,040 --> 00:53:53,970  
now for questions from the kennedy space

959  
00:54:00,650 --> 00:53:58,050  
center in florida so Harwood with UPI in

960  
00:54:02,630 --> 00:54:00,660  
CVS for Ron gravy there's been a lot of

961  
00:54:05,480 --> 00:54:02,640  
talk lately about long-range goals in

962  
00:54:07,460 --> 00:54:05,490  
NASA and I'm wondering how important is

963  
00:54:09,560 --> 00:54:07,470

it in your opinion for NASA to have a

964

00:54:11,690 --> 00:54:09,570

clearly defined long-range goal off the

965

00:54:13,490 --> 00:54:11,700

planet do you think the agency has

966

00:54:15,380 --> 00:54:13,500

suffered in recent years without one and

967

00:54:25,700 --> 00:54:15,390

for steve oz well how's the view of

968

00:54:31,070 --> 00:54:28,390

so I guess I'll take the first run now

969

00:54:34,339 --> 00:54:31,080

warrant goes we've laid out not a pretty

970

00:54:35,720 --> 00:54:34,349

clear were going to continue and the way

971

00:54:37,760 --> 00:54:35,730

that we have with the shuttle run in the

972

00:54:40,430 --> 00:54:37,770

near future we'll be launching into the

973

00:54:44,120 --> 00:54:40,440

space station program and after that we

974

00:54:45,740 --> 00:54:44,130

have a fairly perhaps now well define

975

00:54:46,790 --> 00:54:45,750

but we have a clear goal in mind as to

976

00:54:50,380 --> 00:54:46,800

where we want to go out to that

977

00:54:52,640 --> 00:54:50,390

gradually staging out to the bars pretty

978

00:54:54,980 --> 00:54:52,650

ambitious program it's not take a lot of

979

00:54:56,170 --> 00:54:54,990

years to get there and it's not

980

00:54:58,430 --> 00:54:56,180

something that you can lay out a

981

00:55:00,380 --> 00:54:58,440

perpetual war this point and expect to

982

00:55:02,060 --> 00:55:00,390

hold over the next 20 years but I do

983

00:55:04,370 --> 00:55:02,070

think that we have that strategic goal

984

00:55:07,579 --> 00:55:04,380

in mind that we know the general power

985

00:55:15,280 --> 00:55:07,589

pull it along the way and we can supply

986

00:55:24,200 --> 00:55:18,079

the fires as being here all the time

987

00:55:25,790 --> 00:55:24,210

teachers now from up here we had a

988

00:55:28,640 --> 00:55:25,800

chance to see huge nap during the day

989

00:55:30,710 --> 00:55:28,650

time and so far I think completely out

990

00:55:32,540 --> 00:55:30,720

of phase with when the weather was been

991

00:55:35,750 --> 00:55:32,550

appreciative now that then put them back

992

00:55:37,910 --> 00:55:35,760

in the last well it has been that busy

993

00:55:39,859 --> 00:55:37,920

in the lab how do you ever see sound

994

00:55:46,070 --> 00:55:39,869

which is not uncommon for this time of

995

00:55:48,710 --> 00:55:46,080

year you're done with the associated

996

00:55:50,390 --> 00:55:48,720

press for either the commander a doctor

997

00:55:52,430 --> 00:55:50,400

or both of you indicated yesterday

998

00:55:54,589 --> 00:55:52,440

you wanted to keep some low light work

999

00:55:56,450 --> 00:55:54,599

clothes on the extra day in space are

1000

00:56:02,839 --> 00:55:56,460

you being overworked up there and do you

1001  
00:56:05,000 --> 00:56:02,849  
feel it's taking a toll perfect break in

1002  
00:56:10,880 --> 00:56:05,010  
momentarily will be LOL someone in it

1003  
00:56:12,320 --> 00:56:10,890  
pick you up at 08 57 we don't think

1004  
00:56:14,630 --> 00:56:12,330  
we're being overworked as a matter of

1005  
00:56:16,520 --> 00:56:14,640  
fact i think both shifts from time to

1006  
00:56:19,370 --> 00:56:16,530  
time have asked for some more stuff to

1007  
00:56:21,020 --> 00:56:19,380  
keep busy we are concerned however that

1008  
00:56:23,120 --> 00:56:21,030  
we have to do baseline data collection

1009  
00:56:24,829 --> 00:56:23,130  
on r + 0 and traditionally crews are

1010  
00:56:26,690 --> 00:56:24,839  
pretty tired then so to help that

1011  
00:56:28,049 --> 00:56:26,700  
process how we might keep the last day a