



1  
00:00:07,930 --> 00:00:02,750  
station this is Houston are you ready

2  
00:00:10,160 --> 00:00:07,940  
for the event we are ready for the event

3  
00:00:12,410 --> 00:00:10,170  
weather channel this is Mission Control

4  
00:00:19,640 --> 00:00:12,420  
Houston please call station for a voice

5  
00:00:24,200 --> 00:00:19,650  
check station this is weather channel

6  
00:00:31,220 --> 00:00:24,210  
how do you hear me we've got you loud

7  
00:00:33,350 --> 00:00:31,230  
and clear okay you should be here in our

8  
00:00:42,370 --> 00:00:33,360  
programming now and that's where you'll

9  
00:00:46,930 --> 00:00:44,740  
40 minutes past your welcome back to

10  
00:00:48,850 --> 00:00:46,940  
wiggles without good morning Philadelphia

11  
00:00:50,380 --> 00:00:48,860  
you got a wet weekend ahead uses of mine

12  
00:00:52,300 --> 00:00:50,390  
if you're planning to head out to the

13  
00:00:54,190 --> 00:00:52,310

Kensington kinetic sculpture Derby and

14

00:00:55,660 --> 00:00:54,200

festival known as one of this city good

15

00:00:56,860 --> 00:00:55,670

morning gentlemen this is Tracy from the

16

00:00:59,380 --> 00:00:56,870

weather channel you'll be speaking with

17

00:01:01,720 --> 00:00:59,390

Al Roker and stephanie abrams in about

18

00:01:03,250 --> 00:01:01,730

30 seconds please stand by and what are

19

00:01:05,530 --> 00:01:03,260

we going to see warm temperatures above

20

00:01:07,450 --> 00:01:05,540

average Philadelphia New York even

21

00:01:09,910 --> 00:01:07,460

Boston 69 but still three degrees above

22

00:01:13,480 --> 00:01:09,920

average by the way great weather today

23

00:01:16,030 --> 00:01:13,490

for Bike to Work Day National Bike to

24

00:01:17,800 --> 00:01:16,040

Work Day I did today and but the

25

00:01:19,180 --> 00:01:17,810

tomorrow a little on the website if

26

00:01:21,850 --> 00:01:19,190

you're going to do any biking from

27

00:01:22,990 --> 00:01:21,860

Pittsburgh to Syracuse into Boston okay

28

00:01:24,999 --> 00:01:23,000

so here's a look at where we could see

29

00:01:27,010 --> 00:01:25,009

record highs on Sunday ranging from the

30

00:01:28,749 --> 00:01:27,020

north east islip rich Virginia all the

31

00:01:31,240 --> 00:01:28,759

way down into the south we're talking

32

00:01:33,040 --> 00:01:31,250

90s potentially in richmond and Raleigh

33

00:01:34,660 --> 00:01:33,050

that's right and you can see

34

00:01:37,719 --> 00:01:34,670

Philadelphia's and thunderstorms by

35

00:01:39,040 --> 00:01:37,729

Sunday showers on Saturday morning all

36

00:01:41,350 --> 00:01:39,050

right come take a look at this we got a

37

00:01:43,630 --> 00:01:41,360

pretty cool space I view of typhoon

38

00:01:46,150 --> 00:01:43,640

Newell as it approaches the Philippines

39

00:01:48,730 --> 00:01:46,160

right as it passes over the Sulu Sea and

40

00:01:49,930 --> 00:01:48,740

this is posted by astronaut terry virts

41

00:01:51,820 --> 00:01:49,940

from aboard the International Space

42

00:01:53,740 --> 00:01:51,830

Station he's made it serious habit of

43

00:01:57,430 --> 00:01:53,750

posting some pretty awesome pictures and

44

00:02:00,340 --> 00:01:57,440

videos and speaking of that's right

45

00:02:02,859 --> 00:02:00,350

speaking of terry virts and scott kelly

46

00:02:04,600 --> 00:02:02,869

they are our guests we are so thrilled

47

00:02:06,999 --> 00:02:04,610

to have them they're traveling about

48

00:02:11,080 --> 00:02:07,009

1,700 miles per hour orbiting the earth

49

00:02:12,520 --> 00:02:11,090

every 92 minutes on the ISS thank you so

50

00:02:14,410 --> 00:02:12,530

much room with us this morning you guys

51  
00:02:16,090 --> 00:02:14,420  
and you really become kind of rock stars

52  
00:02:17,500 --> 00:02:16,100  
with all these pickups pictures that

53  
00:02:19,240 --> 00:02:17,510  
you're posting Terry how do you choose

54  
00:02:21,130 --> 00:02:19,250  
which ones that you're going to post

55  
00:02:25,540 --> 00:02:21,140  
because you have to have just millions

56  
00:02:27,010 --> 00:02:25,550  
of incredible shots well good morning

57  
00:02:28,900 --> 00:02:27,020  
Stephanie and Al and all the listeners

58  
00:02:31,150 --> 00:02:28,910  
on the Weather Channel it is tough to

59  
00:02:33,850 --> 00:02:31,160  
pick because like you said the views

60  
00:02:35,650 --> 00:02:33,860  
from here pretty spectacular of course

61  
00:02:37,210 --> 00:02:35,660  
the weather we see with typhoons and

62  
00:02:38,770 --> 00:02:37,220  
different thunderstorms we just passed

63  
00:02:40,120 --> 00:02:38,780

over Texas where there was an amazing

64

00:02:42,220 --> 00:02:40,130

amount of lightning so it's hard to pick

65

00:02:47,770 --> 00:02:42,230

there's so many there's so many good

66

00:02:53,449 --> 00:02:50,960

mr. Scott you just got up there and it

67

00:02:56,240 --> 00:02:53,459

just in time to see tropical storm Ana

68

00:03:00,320 --> 00:02:56,250

what was that like looking at a tropical

69

00:03:07,520 --> 00:03:00,330

storm moving onshore I love it you just

70

00:03:09,470 --> 00:03:07,530

drip the bike over well it was pretty

71

00:03:10,940 --> 00:03:09,480

spectacular view out the window I you

72

00:03:14,479 --> 00:03:10,950

know what I found interesting about that

73

00:03:17,240 --> 00:03:14,489

was a tropical storm so early in our

74

00:03:19,539 --> 00:03:17,250

season so somewhat surprising to see it

75

00:03:22,339 --> 00:03:19,549

I understand that's not an indication of

76  
00:03:24,920 --> 00:03:22,349  
you know what kind of tropical systems

77  
00:03:26,330 --> 00:03:24,930  
will have four for the entire season I

78  
00:03:27,890 --> 00:03:26,340  
learned that from you guys on the

79  
00:03:30,890 --> 00:03:27,900  
Weather Channel watching it up here the

80  
00:03:38,390 --> 00:03:30,900  
other day but a pretty spectacular sight

81  
00:03:40,220 --> 00:03:38,400  
nonetheless Scott what type of research

82  
00:03:46,900 --> 00:03:40,230  
are you going to be conducting over the

83  
00:03:49,580 --> 00:03:46,910  
next year we do all kinds of research

84  
00:03:52,069 --> 00:03:49,590  
while I'm here for for a year there's

85  
00:03:54,830 --> 00:03:52,079  
over 400 different scientific

86  
00:03:56,300 --> 00:03:54,840  
investigations going on and they're in

87  
00:04:00,319 --> 00:03:56,310  
different categories you know some of

88  
00:04:03,020 --> 00:04:00,329

them look at exploration and how we fly

89

00:04:05,059 --> 00:04:03,030

further from our planet than we've done

90

00:04:08,150 --> 00:04:05,069

previously and those investigations are

91

00:04:10,610 --> 00:04:08,160

in human physiology a lot but some of

92

00:04:13,819 --> 00:04:10,620

them are investigations and you know how

93

00:04:16,550 --> 00:04:13,829

we we can perform up here or cognitive

94

00:04:18,800 --> 00:04:16,560

abilities excuse me but also you know

95

00:04:20,659 --> 00:04:18,810

having systems that can maintain our

96

00:04:22,520 --> 00:04:20,669

lives for long periods of time and then

97

00:04:24,770 --> 00:04:22,530

the other investigations are more

98

00:04:25,840 --> 00:04:24,780

earth-based how to improve life on Earth

99

00:04:28,040 --> 00:04:25,850

and those are in all different

100

00:04:31,129 --> 00:04:28,050

categories whether it's you know

101  
00:04:33,730 --> 00:04:31,139  
medicine and and producing scientific

102  
00:04:37,339 --> 00:04:33,740  
results that will help us treat diseases

103  
00:04:43,480 --> 00:04:37,349  
material science basic research physics

104  
00:04:48,640 --> 00:04:46,150  
and Terry your original return dates

105  
00:04:51,219 --> 00:04:48,650  
been extended to june early June how

106  
00:04:52,990 --> 00:04:51,229  
come and when you get on ground what's

107  
00:04:59,260 --> 00:04:53,000  
the first what's the weather you're most

108  
00:05:03,909 --> 00:04:59,270  
looking forward to enjoying well the we

109  
00:05:05,589 --> 00:05:03,919  
had a the second answer is I keep on

110  
00:05:07,809 --> 00:05:05,599  
hearing we land in Kazakhstan which is

111  
00:05:08,980 --> 00:05:07,819  
in the middle of Asia the Central Asian

112  
00:05:10,749 --> 00:05:08,990  
step and i keep on here and how

113  
00:05:12,339 --> 00:05:10,759

wonderful the weather is there in june i

114

00:05:14,589 --> 00:05:12,349

was there last May and it was pretty

115

00:05:15,820 --> 00:05:14,599

great so I'm looking forward to to the

116

00:05:17,920 --> 00:05:15,830

weather when i land and i think the

117

00:05:19,570 --> 00:05:17,930

smells of the desert is something that

118

00:05:21,879 --> 00:05:19,580

we don't have that up here it's been

119

00:05:23,529 --> 00:05:21,889

almost it'll be over six months since i

120

00:05:26,170 --> 00:05:23,539

last smelled earth so that that's going

121

00:05:27,490 --> 00:05:26,180

to be definitely and i think an

122

00:05:29,800 --> 00:05:27,500

overwhelming experience i'm looking

123

00:05:32,110 --> 00:05:29,810

forward to but our mission got extended

124

00:05:35,740 --> 00:05:32,120

because we had a failure recently of a

125

00:05:38,620 --> 00:05:35,750

progress a Russian cargo ship and when

126

00:05:41,290 --> 00:05:38,630

that happened the launch of the next

127

00:05:44,200 --> 00:05:41,300

crew got extended Sarah burns thank you

128

00:05:52,870 --> 00:05:44,210

so much and scott kelly thank you i'm

129

00:05:55,209 --> 00:05:52,880

glad i thrilled to talk to them station

130

00:05:56,709 --> 00:05:55,219

this is Houston ACR that concludes the

131

00:05:58,899 --> 00:05:56,719

weather channel portion of the event

132

00:06:02,680 --> 00:05:58,909

please stand by for a voice check from

133

00:06:07,180 --> 00:06:02,690

Time magazine station this is Time

134

00:06:12,879 --> 00:06:07,190

magazine how do you hear me we read you

135

00:06:14,620 --> 00:06:12,889

loud and clear okay um so guys it's good

136

00:06:16,629 --> 00:06:14,630

to see you can you tell me a little bit

137

00:06:19,300 --> 00:06:16,639

about where you are in the station right

138

00:06:24,610 --> 00:06:19,310

now and know what your day has been like

139

00:06:27,040 --> 00:06:24,620

so far good morning Jeff we are in the

140

00:06:28,809 --> 00:06:27,050

airlock right now this is where we get

141

00:06:31,089 --> 00:06:28,819

ready for and do our space walks these

142

00:06:33,279 --> 00:06:31,099

are our spacesuits right here so right

143

00:06:35,469 --> 00:06:33,289

now Scott and I are not planned to do

144

00:06:37,029 --> 00:06:35,479

one I did one on the last part of my

145

00:06:39,070 --> 00:06:37,039

mission with butch wilmore and Scott's

146

00:06:41,080 --> 00:06:39,080

going to do several here in a few months

147

00:06:43,059 --> 00:06:41,090

but we get the equipment the spacesuits

148

00:06:45,189 --> 00:06:43,069

ready here in that part of the airlock

149

00:06:46,719 --> 00:06:45,199

right there we close the hatch depress

150

00:06:50,529 --> 00:06:46,729

all the air out of it and go out in

151  
00:06:55,650 --> 00:06:50,539  
space from there where are we in your in

152  
00:07:03,969 --> 00:06:58,330  
hey good morning Jeff good to talk to

153  
00:07:07,659 --> 00:07:03,979  
you it is 1046 in the morning and we are

154  
00:07:09,939 --> 00:07:07,669  
on gmt so we get up around 6am our

155  
00:07:13,300 --> 00:07:09,949  
workday starts generally about sometime

156  
00:07:15,490 --> 00:07:13,310  
between seven and seven-thirty all of us

157  
00:07:18,460 --> 00:07:15,500  
are kind of on do different activities

158  
00:07:20,590 --> 00:07:18,470  
sometimes together but a lot of times

159  
00:07:23,800 --> 00:07:20,600  
separately so far today for me

160  
00:07:25,840 --> 00:07:23,810  
personally I had some exercise my first

161  
00:07:29,290 --> 00:07:25,850  
of two exercise sessions running on the

162  
00:07:35,650 --> 00:07:29,300  
treadmill for about 30 minutes and then

163  
00:07:38,740 --> 00:07:35,660

I did some some research this experiment

164

00:07:41,080 --> 00:07:38,750

called fine motor skills as a cognitive

165

00:07:43,719 --> 00:07:41,090

experiment to investigate how our

166

00:07:45,520 --> 00:07:43,729

cognitive abilities change over the long

167

00:07:46,779 --> 00:07:45,530

term and a few other little odds and

168

00:07:48,520 --> 00:07:46,789

ends activities that probably aren't

169

00:07:52,900 --> 00:07:48,530

worth going into but that are very

170

00:07:55,450 --> 00:07:52,910

important for you know maintaining the

171

00:07:59,890 --> 00:07:55,460

space station and maintaining our lives

172

00:08:02,100 --> 00:07:59,900

up here now you were expecting the

173

00:08:05,529 --> 00:08:02,110

docking of the russian progress ship

174

00:08:07,900 --> 00:08:05,539

just a couple of a week or so ago how

175

00:08:09,339 --> 00:08:07,910

big a problem if at all is it that the

176

00:08:11,020 --> 00:08:09,349

ship didn't arrive and was there

177

00:08:12,730 --> 00:08:11,030

anything aboard that you guys were

178

00:08:18,810 --> 00:08:12,740

especially looking forward to any

179

00:08:21,310 --> 00:08:18,820

personal items well actually this is a

180

00:08:24,310 --> 00:08:21,320

testament to how well stocked the space

181

00:08:26,020 --> 00:08:24,320

station is we did lose the resupply ship

182

00:08:28,570 --> 00:08:26,030

but we have enough supplies on board to

183

00:08:31,330 --> 00:08:28,580

stay here for many months food and water

184

00:08:32,740 --> 00:08:31,340

and clothes and that kind of stuff we're

185

00:08:35,649 --> 00:08:32,750

still able to do all of our scientific

186

00:08:38,050 --> 00:08:35,659

experiments so it was a loss and of

187

00:08:39,909 --> 00:08:38,060

course it it's going to affect the

188

00:08:41,320 --> 00:08:39,919

future but we were able to cope with it

189

00:08:43,329 --> 00:08:41,330

and like i said there's a lot plenty of

190

00:08:46,269 --> 00:08:43,339

margin on board so there's no immediate

191

00:08:47,910 --> 00:08:46,279

danger that was a Russian ship so our

192

00:08:51,130 --> 00:08:47,920

cosmonaut friends we have a crew of six

193

00:08:52,690 --> 00:08:51,140

three of them are russian cosmonauts so

194

00:08:53,949 --> 00:08:52,700

most of the equipment was for them most

195

00:08:56,260 --> 00:08:53,959

of the food was for them so we've been

196

00:08:57,760 --> 00:08:56,270

sharing as much as we can and we've had

197

00:08:58,990 --> 00:08:57,770

failures in the past of American

198

00:09:01,030 --> 00:08:59,000

vehicles and of course they share with

199

00:09:04,810 --> 00:09:01,040

us it's a pretty cool partnership to be

200

00:09:07,150 --> 00:09:04,820

able to work together like that Scott

201  
00:09:08,120 --> 00:09:07,160  
you're only two months in less than two

202  
00:09:09,860 --> 00:09:08,130  
months in out of year

203  
00:09:12,530 --> 00:09:09,870  
your year in space but can you tell us

204  
00:09:14,510 --> 00:09:12,540  
anything about any of the biomedical

205  
00:09:21,800 --> 00:09:14,520  
experiments you've done and any of them

206  
00:09:23,320 --> 00:09:21,810  
that that involved marked so you know

207  
00:09:26,660 --> 00:09:23,330  
there's a lot of research that is

208  
00:09:29,180 --> 00:09:26,670  
involved in my stay up here you know

209  
00:09:30,860 --> 00:09:29,190  
like I was said to the weather channel

210  
00:09:32,780 --> 00:09:30,870  
I'll know if you're listed in over 400

211  
00:09:34,850 --> 00:09:32,790  
different experiments throughout the

212  
00:09:38,450 --> 00:09:34,860  
period of time here in various

213  
00:09:42,410 --> 00:09:38,460

disciplines for me personally there's

214

00:09:46,100 --> 00:09:42,420

the one-year research which has a lot of

215

00:09:48,200 --> 00:09:46,110

imaging associated with it ultrasound of

216

00:09:50,480 --> 00:09:48,210

various parts of my body my heart

217

00:09:53,750 --> 00:09:50,490

arteries in my neck and brain and

218

00:09:57,020 --> 00:09:53,760

muscles and some of that is related to

219

00:09:59,240 --> 00:09:57,030

the the science or involves the science

220

00:10:02,960 --> 00:09:59,250

that's being done with my brother and I

221

00:10:04,850 --> 00:10:02,970

the comparative science which is most

222

00:10:07,700 --> 00:10:04,860

cases genetic-based so it's samples

223

00:10:10,880 --> 00:10:07,710

blood urine other samples that we our

224

00:10:14,210 --> 00:10:10,890

bodies give off and I've done those

225

00:10:18,530 --> 00:10:14,220

collections twice and done a bunch of

226

00:10:20,660 --> 00:10:18,540

the ultrasound tests also a lot of tests

227

00:10:22,550 --> 00:10:20,670

on my eyes in my vision but the stuff

228

00:10:25,310 --> 00:10:22,560

that involves my brother is some of the

229

00:10:28,790 --> 00:10:25,320

ultrasound work and a lot of the human

230

00:10:31,280 --> 00:10:28,800

samples and those don't always sound

231

00:10:33,340 --> 00:10:31,290

like fun so what do you guys do for fun

232

00:10:40,820 --> 00:10:33,350

what's the most enjoyable recreation

233

00:10:42,440 --> 00:10:40,830

recreational part of your day well you

234

00:10:45,050 --> 00:10:42,450

know unfortunately there's not a whole

235

00:10:47,450 --> 00:10:45,060

lot of time for fun we have a pretty

236

00:10:49,640 --> 00:10:47,460

good work schedule you know I don't

237

00:10:52,520 --> 00:10:49,650

think people realize you know how hard

238

00:10:56,140 --> 00:10:52,530

we work up here then we basically work

239

00:10:59,270 --> 00:10:56,150

at least I do from the time I get up

240

00:11:01,100 --> 00:10:59,280

until about an hour or so before I go to

241

00:11:05,840 --> 00:11:01,110

sleep and you know these other two guys

242

00:11:08,420 --> 00:11:05,850

work harder than I do so yeah not a lot

243

00:11:10,370 --> 00:11:08,430

of free time for fun but we you know we

244

00:11:13,450 --> 00:11:10,380

have a chance to you know watch the

245

00:11:15,860 --> 00:11:13,460

movies too you certainly enjoy the view

246

00:11:18,580 --> 00:11:15,870

to read although I haven't read anything

247

00:11:22,150 --> 00:11:18,590

yet book wise i need to start that

248

00:11:25,570 --> 00:11:22,160

and you know a lot of time is spent

249

00:11:27,580 --> 00:11:25,580

communicating with folks on earth and

250

00:11:29,650 --> 00:11:27,590

Terry how do you recalibrate your

251

00:11:31,480 --> 00:11:29,660

emotions when you were just a week or so

252

00:11:34,030 --> 00:11:31,490

away from going home and now the delays

253

00:11:39,490 --> 00:11:34,040

mean it'll probably be at least another

254

00:11:41,920 --> 00:11:39,500

month or so yeah that's always a tough

255

00:11:44,230 --> 00:11:41,930

one for military folks on deployment

256

00:11:46,810 --> 00:11:44,240

whenever a deployment gets extended at

257

00:11:49,990 --> 00:11:46,820

the last minute that can be tough the

258

00:11:52,690 --> 00:11:50,000

hardest hit people are my family back on

259

00:11:55,270 --> 00:11:52,700

earth it's it's really tough on them for

260

00:11:57,880 --> 00:11:55,280

me I just kind of I'm here I'm doing my

261

00:11:59,230 --> 00:11:57,890

job it's more the same it's only going

262

00:12:02,260 --> 00:11:59,240

to be a few more weeks you know we'll be

263

00:12:04,450 --> 00:12:02,270

back in June and so I just try not to

264

00:12:06,520 --> 00:12:04,460

think about it and just press on with my

265

00:12:08,290 --> 00:12:06,530

daily activities and keep on going the

266

00:12:12,910 --> 00:12:08,300

hardest like I said the hardest i think

267

00:12:15,550 --> 00:12:12,920

is for the folks on earth uh there aside

268

00:12:17,920 --> 00:12:15,560

from family family and friends what do

269

00:12:19,420 --> 00:12:17,930

you guys miss most about Earth if you

270

00:12:20,740 --> 00:12:19,430

think about what you what's going on

271

00:12:27,070 --> 00:12:20,750

down there is there one particular thing

272

00:12:29,280 --> 00:12:27,080

that pops to mind you know whether we do

273

00:12:32,350 --> 00:12:29,290

not have weather up here it's uh it's

274

00:12:35,320 --> 00:12:32,360

sunny and low humidity and 75 every day

275

00:12:38,620 --> 00:12:35,330

and so just this the sounds and smell of

276

00:12:40,510 --> 00:12:38,630

rain or snow or a sunny warm day you

277

00:12:42,610 --> 00:12:40,520

know we don't get that it's an

278

00:12:44,190 --> 00:12:42,620

interesting thing but a lot of ways I've

279

00:12:46,450 --> 00:12:44,200

forgotten what weather's like and I've

280

00:12:49,270 --> 00:12:46,460

really forgotten what gravity feels like

281

00:12:55,120 --> 00:12:49,280

I'll be reintroduced to that here in a

282

00:12:56,800 --> 00:12:55,130

few weeks got the UN Misha see get to

283

00:12:58,690 --> 00:12:56,810

see a great deal of each other do you

284

00:13:00,010 --> 00:12:58,700

get to work together on the one-year

285

00:13:01,780 --> 00:13:00,020

experiment I know there are two

286

00:13:03,850 --> 00:13:01,790

different wings of the station but you

287

00:13:08,980 --> 00:13:03,860

guys are both in the in the one year

288

00:13:13,960 --> 00:13:08,990

study you know we we do consider

289

00:13:15,430 --> 00:13:13,970

ourselves 11 individual crew and you

290

00:13:17,650 --> 00:13:15,440

know for a lot of reasons you know we

291

00:13:20,110 --> 00:13:17,660

have to respond in an emergency together

292

00:13:22,870 --> 00:13:20,120

as a unified team we you know fly

293

00:13:24,490 --> 00:13:22,880

together in the Soyuz but a lot of our

294

00:13:27,780 --> 00:13:24,500

activities are done separately it's

295

00:13:29,800 --> 00:13:27,790

almost like you know two organizations

296

00:13:31,550 --> 00:13:29,810

sharing two different wings of a

297

00:13:34,400 --> 00:13:31,560

laboratory let's say so

298

00:13:37,010 --> 00:13:34,410

Oh Misha sleeps in the in the u.s.

299

00:13:38,600 --> 00:13:37,020

segment and the cosmonauts do some

300

00:13:41,630 --> 00:13:38,610

activities down here but for the most

301  
00:13:43,250 --> 00:13:41,640  
part you know their work day is spent in

302  
00:13:45,110 --> 00:13:43,260  
the Russian segment and our work day

303  
00:13:47,450 --> 00:13:45,120  
spent in what's considered the u.s.

304  
00:13:50,120 --> 00:13:47,460  
operational segment which is not only

305  
00:13:53,630 --> 00:13:50,130  
the u.s. modules but the European Space

306  
00:13:56,360 --> 00:13:53,640  
Agency module and the two Japanese

307  
00:13:58,040 --> 00:13:56,370  
modules we have up here so you know we

308  
00:13:59,900 --> 00:13:58,050  
do see each other a lot but a lot of

309  
00:14:02,870 --> 00:13:59,910  
times it's just seeing him in passing as

310  
00:14:05,210 --> 00:14:02,880  
he's coming going to and from work in

311  
00:14:07,070 --> 00:14:05,220  
the morning and in the evening and the

312  
00:14:08,570 --> 00:14:07,080  
other times a day he comes down to his

313  
00:14:10,610 --> 00:14:08,580

crew quarters to maybe get on the

314

00:14:12,200 --> 00:14:10,620

computer or make a phone call or take a

315

00:14:13,400 --> 00:14:12,210

little break from his work day so it's

316

00:14:16,570 --> 00:14:13,410

almost like you know we just kind of

317

00:14:19,010 --> 00:14:16,580

wave in passing a lot of the times

318

00:14:21,590 --> 00:14:19,020

another unplanned development in this

319

00:14:23,510 --> 00:14:21,600

trip was the the scrubbing of sarah

320

00:14:24,980 --> 00:14:23,520

brightman trip to the station how big a

321

00:14:27,290 --> 00:14:24,990

disappointment was this you guys were

322

00:14:34,450 --> 00:14:27,300

about to get a an international star up

323

00:14:40,150 --> 00:14:37,930

well I wouldn't say I was disappointed

324

00:14:44,080 --> 00:14:40,160

for me I was kind of disappointed for

325

00:14:46,150 --> 00:14:44,090

her you know because I had grown to be

326

00:14:48,600 --> 00:14:46,160

friendly with her and you know I know

327

00:14:51,640 --> 00:14:48,610

how much she was looking forward to this

328

00:14:53,440 --> 00:14:51,650

it's great to get visitors up here you

329

00:14:55,060 --> 00:14:53,450

know you you like the people you're

330

00:14:57,760 --> 00:14:55,070

flying with but you also would like to

331

00:15:00,900 --> 00:14:57,770

see new faces and we're not sure who's

332

00:15:03,640 --> 00:15:00,910

going to be put in that in that seat

333

00:15:06,100 --> 00:15:03,650

when the Soyuz launches here in the

334

00:15:08,500 --> 00:15:06,110

September no was the original plan but

335

00:15:10,570 --> 00:15:08,510

whoever it is we will welcome them just

336

00:15:12,820 --> 00:15:10,580

as much as we would welcome Sarah

337

00:15:14,950 --> 00:15:12,830

Brightman so you know on one hand it's a

338

00:15:16,420 --> 00:15:14,960

you know I'm sorry that she's not going

339

00:15:17,890 --> 00:15:16,430

to make it and fulfill her dream of

340

00:15:20,200 --> 00:15:17,900

flying in space but on the other hand

341

00:15:23,370 --> 00:15:20,210

you know someone else someone else will

342

00:15:25,740 --> 00:15:23,380

and that's that's a great thing for them

343

00:15:28,690 --> 00:15:25,750

Terry where are there any additional

344

00:15:29,770 --> 00:15:28,700

projects you've picked up given that

345

00:15:31,840 --> 00:15:29,780

you're going to be there for another

346

00:15:33,640 --> 00:15:31,850

month or is the workload such that

347

00:15:38,500 --> 00:15:33,650

there's and there's you never have to

348

00:15:40,390 --> 00:15:38,510

worry about busying yourself well yes

349

00:15:42,520 --> 00:15:40,400

for sure like Scott was saying earlier

350

00:15:45,250 --> 00:15:42,530

work day is pretty much all day every

351

00:15:46,540 --> 00:15:45,260

day but I think we're in this phase now

352

00:15:48,130 --> 00:15:46,550

we used to be and what we called the

353

00:15:50,110 --> 00:15:48,140

assembly phase of station then we're in

354

00:15:52,600 --> 00:15:50,120

utilization I kind of look at this as a

355

00:15:54,340 --> 00:15:52,610

reconfiguration phase we're moving some

356

00:15:55,630 --> 00:15:54,350

modules around the spacewalks that I did

357

00:15:57,130 --> 00:15:55,640

and the spacewalks that Scott are going

358

00:15:59,350 --> 00:15:57,140

to do are getting ready for future

359

00:16:01,060 --> 00:15:59,360

vehicles and so one of the big projects

360

00:16:03,130 --> 00:16:01,070

is to move what's called a pmm module

361

00:16:06,940 --> 00:16:03,140

which is just below the camera and move

362

00:16:08,500 --> 00:16:06,950

it to modules / basically and and that

363

00:16:10,510 --> 00:16:08,510

may be something that we do in this time

364

00:16:12,520 --> 00:16:10,520

that we have off we've picked up some

365

00:16:14,800 --> 00:16:12,530

big maintenance on our on our life

366

00:16:16,480 --> 00:16:14,810

support and recycling systems so we're

367

00:16:17,860 --> 00:16:16,490

trying to get ahead on some of the tasks

368

00:16:20,230 --> 00:16:17,870

are going to be required for the next

369

00:16:22,090 --> 00:16:20,240

year relocating that pmm module if it

370

00:16:26,230 --> 00:16:22,100

ends up happening is going to be a kind

371

00:16:29,020 --> 00:16:26,240

of a really big task Scott you're set to

372

00:16:31,750 --> 00:16:29,030

take your first spacewalk of your career

373

00:16:34,000 --> 00:16:31,760

when is that happening and how much more

374

00:16:38,950 --> 00:16:34,010

training or preparation do you have a

375

00:16:42,220 --> 00:16:38,960

head for that well right now it's a

376

00:16:44,530 --> 00:16:42,230

little bit TBD because the first plan

377

00:16:48,160 --> 00:16:44,540

spacewalk was for chelle lindgren and

378

00:16:52,840 --> 00:16:48,170

myself and its associated with the nays

379

00:16:54,579 --> 00:16:52,850

SpaceX so the next SpaceX has a hardware

380

00:16:57,250 --> 00:16:54,589

component on it that allows commercial

381

00:16:59,139 --> 00:16:57,260

vehicles to dock US commercial vehicles

382

00:17:02,410 --> 00:16:59,149

the dock to the International Space

383

00:17:04,840 --> 00:17:02,420

Station and when the SpaceX gets here

384

00:17:07,590 --> 00:17:04,850

we'll pull that piece of hardware out of

385

00:17:11,409 --> 00:17:07,600

out of space exits in the unpressurized

386

00:17:14,020 --> 00:17:11,419

portion of the the vehicle and then as

387

00:17:15,699 --> 00:17:14,030

soon as chelle gets up here some number

388

00:17:17,319 --> 00:17:15,709

of days after we're not sure which

389

00:17:19,000 --> 00:17:17,329

because he was supposed to be here

390

00:17:20,549 --> 00:17:19,010

already when that arrived but now

391

00:17:22,960 --> 00:17:20,559

they're that his launch is being delayed

392

00:17:25,090 --> 00:17:22,970

we're going to have to replan that so

393

00:17:29,020 --> 00:17:25,100

I'm not sure it's probably some time I

394

00:17:31,419 --> 00:17:29,030

would suspect in in August they're

395

00:17:34,419 --> 00:17:31,429

supposed to get here towards the end of

396

00:17:36,400 --> 00:17:34,429

July of course you know Terry and I

397

00:17:38,289 --> 00:17:36,410

could always go out and do an unplanned

398

00:17:39,820 --> 00:17:38,299

spacewalk if something list a break on

399

00:17:41,560 --> 00:17:39,830

the space station so you know you have

400

00:17:44,350 --> 00:17:41,570

to be prepared for that as far as

401  
00:17:46,120 --> 00:17:44,360  
training there is some onboard training

402  
00:17:48,010 --> 00:17:46,130  
you do there's certainly a lot of study

403  
00:17:50,080 --> 00:17:48,020  
and preparation and I'm sure Terry can

404  
00:17:53,440 --> 00:17:50,090  
attest it at doing three spacewalks in a

405  
00:17:54,880 --> 00:17:53,450  
row so training never stops we do

406  
00:17:56,289 --> 00:17:54,890  
onboard training you know you trained

407  
00:17:58,720 --> 00:17:56,299  
for this your whole life and then you

408  
00:18:00,549 --> 00:17:58,730  
continue to train and it's a you know

409  
00:18:02,169 --> 00:18:00,559  
you almost think maybe when you get home

410  
00:18:06,180 --> 00:18:02,179  
you'll still be doing training because

411  
00:18:12,880 --> 00:18:09,970  
do you feel you've got I guess ten and a

412  
00:18:15,460 --> 00:18:12,890  
half months 10 months and a week how are

413  
00:18:18,400 --> 00:18:15,470

you pacing yourself does that feel like

414

00:18:23,289 --> 00:18:18,410

a long haul or are you sort of a getting

415

00:18:27,430 --> 00:18:23,299

fully in the rhythm it's one thing I

416

00:18:29,890 --> 00:18:27,440

think about every single day is that you

417

00:18:32,260 --> 00:18:29,900

know I fortunately I had the experience

418

00:18:34,210 --> 00:18:32,270

of being up here previously and I think

419

00:18:36,310 --> 00:18:34,220

most people that have been here for six

420

00:18:39,100 --> 00:18:36,320

months can tell you that a year is a

421

00:18:42,310 --> 00:18:39,110

very long time to live here where you

422

00:18:47,260 --> 00:18:42,320

can't leave a very closed environment a

423

00:18:50,169 --> 00:18:47,270

very heavy workload and so I think about

424

00:18:52,270 --> 00:18:50,179

it all the time like I said earlier you

425

00:18:53,740 --> 00:18:52,280

know we i work from basically the time i

426

00:18:56,740 --> 00:18:53,750

get up until right before i go to sleep

427

00:18:59,100 --> 00:18:56,750

so me pacing myself is you know one of

428

00:19:02,140 --> 00:18:59,110

the most critical things i do because i

429

00:19:04,300 --> 00:19:02,150

need to have you know the same a bill

430

00:19:06,700 --> 00:19:04,310

and energy and focus and attention to

431

00:19:10,540 --> 00:19:06,710

detail at the end of this mission that I

432

00:19:12,280 --> 00:19:10,550

do right now and you know because you

433

00:19:14,200 --> 00:19:12,290

know at any time we need to be able to

434

00:19:15,850 --> 00:19:14,210

respond to an emergency to stay up very

435

00:19:17,890 --> 00:19:15,860

long hours if we have to go outside and

436

00:19:20,980 --> 00:19:17,900

do it an emergency spacewalk for

437

00:19:23,320 --> 00:19:20,990

instance so you know it's the the number

438

00:19:25,900 --> 00:19:23,330

one thing actually safety is first and

439

00:19:29,940 --> 00:19:25,910

the number two thing in my mind is is

440

00:19:35,380 --> 00:19:33,130

wonderful gentleman thank you so much

441

00:19:40,380 --> 00:19:35,390

for giving us this time this morning and

442

00:19:48,310 --> 00:19:43,000

thanks Jeff good talking-to didn't this

443

00:19:51,040 --> 00:19:48,320

morning good talking to you station this

444

00:19:55,000 --> 00:19:51,050

is Houston ACR thank you that concludes

445

00:19:56,950 --> 00:19:55,010

the event Thank You weather channel and

446

00:19:58,330 --> 00:19:56,960

time magazine station we are now