



1  
00:00:15,910 --> 00:00:13,669  
good evening houston and first congrats

2  
00:00:19,429 --> 00:00:15,920  
to uh clay and rick for herculean

3  
00:00:24,790 --> 00:00:22,390  
good evening oleg and everyone else

4  
00:00:27,269 --> 00:00:24,800  
we've got quite a few things plans on

5  
00:00:29,589 --> 00:00:27,279  
board we're expecting one challenge for

6  
00:00:30,550 --> 00:00:29,599  
tracy and huntsville will discuss that

7  
00:00:33,110 --> 00:00:30,560  
in a moment

8  
00:00:35,030 --> 00:00:33,120  
the mail sync is continuing so please

9  
00:00:36,630 --> 00:00:35,040  
remain out of your email until we give

10  
00:00:39,590 --> 00:00:36,640  
you the all clear

11  
00:00:41,830 --> 00:00:39,600  
uh for tracy and tj we're ready to start

12  
00:00:42,790 --> 00:00:41,840  
the battery charge

13  
00:00:45,750 --> 00:00:42,800

and

14

00:00:50,470 --> 00:00:45,760

i see the mpc downlink is coming down so

15

00:00:53,270 --> 00:00:51,750

roger

16

00:00:55,750 --> 00:00:53,280

and tracy's hard work and getting the

17

00:00:58,229 --> 00:00:55,760

battery charge underway

18

00:01:18,469 --> 00:00:58,239

okay a couple more things to clean up

19

00:02:46,790 --> 00:02:03,990

foreign

20

00:03:11,350 --> 00:03:00,790

um

21

00:03:11,360 --> 00:03:30,789

foreign

22

00:03:30,799 --> 00:03:53,429

um

23

00:04:26,950 --> 00:04:12,070

foreign

24

00:04:26,960 --> 00:04:30,629

go ahead uh tj

25

00:04:36,390 --> 00:04:32,469

t2 is ready for you

26

00:04:39,350 --> 00:04:36,400

wc count is 571.

27

00:04:41,670 --> 00:04:39,360

copy 571 and be advised you can restart

28

00:04:44,150 --> 00:04:41,680

the v10 playback

29

00:04:46,550 --> 00:04:44,160

while we're watching both the hd

30

00:04:50,150 --> 00:04:46,560

downlink and vt

31

00:04:55,510 --> 00:04:53,590

i can start the mpc downlink

32

00:04:58,150 --> 00:04:55,520

negative we're already watching mpc

33

00:05:04,950 --> 00:04:58,160

downlink just a v10 which goes through

34

00:05:13,350 --> 00:05:06,150

oh is this the

35

00:05:13,360 --> 00:05:19,270

checking

36

00:05:24,310 --> 00:05:21,590

okay uh we're not sure the content we

37

00:05:27,670 --> 00:05:24,320

think dex was playing it back on the v10

38

00:05:27,680 --> 00:06:36,790

okay i understand now

39

00:06:42,550 --> 00:06:39,590

and station on space to ground two for

40

00:06:46,870 --> 00:06:42,560

battery recharge

41

00:06:53,350 --> 00:06:48,710

this michelle

42

00:07:00,790 --> 00:06:55,430

great how are you doing

43

00:07:00,800 --> 00:07:05,749

awesome good to hear your voice

44

00:07:09,670 --> 00:07:07,749

hey i've got this battery recharge cue

45

00:07:11,110 --> 00:07:09,680

card i'm not sure if you guys are taking

46

00:07:13,029 --> 00:07:11,120

a look at it

47

00:07:16,150 --> 00:07:13,039

but on the

48

00:07:17,990 --> 00:07:16,160

back side where the diagram is

49

00:07:21,270 --> 00:07:18,000

for post cda1

50

00:07:25,110 --> 00:07:21,280

it shows a pgt spare for battery charger

51  
00:07:27,189 --> 00:07:25,120  
2 channel 4 and it's not colored and i

52  
00:07:29,110 --> 00:07:27,199  
don't suspect it needs much charging

53  
00:07:31,189 --> 00:07:29,120  
since i didn't use it but

54  
00:07:33,589 --> 00:07:31,199  
can you guys give me clear direction on

55  
00:07:34,790 --> 00:07:33,599  
what you want me to do with that

56  
00:07:37,430 --> 00:07:34,800  
um

57  
00:07:45,749 --> 00:07:37,440  
pgt battery the spare

58  
00:07:52,150 --> 00:07:47,830  
good question tracy since it was not

59  
00:07:56,710 --> 00:07:53,749  
okay well i'm gonna

60  
00:07:58,710 --> 00:07:56,720  
keep that then in the spare and just

61  
00:08:01,430 --> 00:07:58,720  
about ready to wrap up this uh battery

62  
00:08:03,189 --> 00:08:01,440  
recharge thanks

63  
00:08:04,629 --> 00:08:03,199

copy

64

00:08:09,830 --> 00:08:04,639

thank you

65

00:08:09,840 --> 00:08:14,150

go ahead uh space ground two

66

00:08:18,629 --> 00:08:16,230

okay on two and uh yeah sorry guys still

67

00:08:21,110 --> 00:08:18,639

doing the live downlink and after this i

68

00:08:24,110 --> 00:08:21,120

have a one tape to downlink so i just

69

00:08:30,710 --> 00:08:28,550

alive uh we will do that and uh is this

70

00:08:33,829 --> 00:08:30,720

uh open video or will there need to be

71

00:08:35,670 --> 00:08:33,839

some restriction on it

72

00:08:39,509 --> 00:08:35,680

to open video

73

00:08:44,790 --> 00:08:41,670

by the way the flash count was five

74

00:08:48,710 --> 00:08:44,800

seven one in this unit

75

00:08:51,590 --> 00:08:49,990

now your

76  
00:08:54,389 --> 00:08:51,600  
video from the lab is playing now even

77  
00:08:56,070 --> 00:08:54,399  
though it's just nighttime darkness and

78  
00:08:57,430 --> 00:08:56,080  
if you have enough

79  
00:08:59,430 --> 00:08:57,440  
ku time

80  
00:09:01,870 --> 00:08:59,440  
we still have our

81  
00:09:04,070 --> 00:09:01,880  
rpm

82  
00:09:11,430 --> 00:09:04,080  
photography choreography video to

83  
00:09:17,030 --> 00:09:15,110  
okay tj we'll take uh you after suici

84  
00:09:21,509 --> 00:09:17,040  
and you guys can make the call when

85  
00:09:21,519 --> 00:10:15,670  
sounds downlinking a plane

86  
00:10:15,680 --> 00:10:44,470  
hey firm

87  
00:10:48,389 --> 00:10:46,870  
video

88  
00:10:50,470 --> 00:10:48,399

on space ground two we're still getting

89

00:10:52,949 --> 00:10:50,480

hd downlink of the highlights looks

90

00:10:52,959 --> 00:10:57,350

okay thanks

91

00:11:08,470 --> 00:11:00,069

it's a shot of the new crew track in the

92

00:11:12,150 --> 00:11:11,110

okay that's uh where we're at dex and uh

93

00:11:18,470 --> 00:11:12,160

understand you're going to do some

94

00:11:21,110 --> 00:11:20,069

well we can until we get our ground tube

95

00:11:24,310 --> 00:11:21,120

back

96

00:11:25,670 --> 00:11:24,320

there's luigi moving a large metallic

97

00:11:28,949 --> 00:11:25,680

cylindrical

98

00:11:30,630 --> 00:11:28,959

wastewater tank

99

00:11:33,910 --> 00:11:30,640

looks surprisingly like another large

100

00:11:33,920 --> 00:11:44,230

device

101  
00:11:49,350 --> 00:11:47,030  
it really is exciting the uh the mplm's

102  
00:11:51,829 --> 00:11:49,360  
just great place and

103  
00:11:53,910 --> 00:11:51,839  
it's uh really full and here's uh she

104  
00:11:56,389 --> 00:11:53,920  
just did the great work all day just

105  
00:11:59,110 --> 00:11:56,399  
non-stop and kind of swell ahead of the

106  
00:12:01,670 --> 00:11:59,120  
transfer timeline

107  
00:12:04,470 --> 00:12:01,680  
the jpm uh has got a brand new freezer

108  
00:12:07,110 --> 00:12:04,480  
in it and a brand new zero cg stowage

109  
00:12:15,670 --> 00:12:07,120  
rack and the mlp looks great within the

110  
00:12:20,150 --> 00:12:17,750  
and one of my favorite things about

111  
00:12:22,870 --> 00:12:20,160  
being up here is that as you can see

112  
00:12:25,030 --> 00:12:22,880  
here with stephanie and dec

113  
00:12:27,430 --> 00:12:25,040

you can move in any orientation and you

114

00:12:29,750 --> 00:12:27,440

can pass each other on the ceiling on

115

00:12:30,629 --> 00:12:29,760

the floor on the walls and between each

116

00:12:41,670 --> 00:12:30,639

other

117

00:12:47,829 --> 00:12:44,629

it's moving into space it's so much fun

118

00:12:49,910 --> 00:12:47,839

and we are learning each day by day and

119

00:12:51,110 --> 00:12:49,920

after transferring five racks and a

120

00:12:53,670 --> 00:12:51,120

couple more

121

00:12:59,990 --> 00:12:53,680

transfer items we feel very comfortable

122

00:13:05,750 --> 00:13:02,870

i haven't lived on iss previously for

123

00:13:08,230 --> 00:13:05,760

about five months it's amazing to me

124

00:13:09,269 --> 00:13:08,240

to see the activity and here you see

125

00:13:11,750 --> 00:13:09,279

tracy

126  
00:13:13,350 --> 00:13:11,760  
and mash jim dutton

127  
00:13:15,990 --> 00:13:13,360  
pulling us out of the airlock after

128  
00:13:17,910 --> 00:13:16,000  
about a six and a half hour

129  
00:13:20,550 --> 00:13:17,920  
excursion outside

130  
00:13:23,190 --> 00:13:20,560  
and one of the things that people may

131  
00:13:25,590 --> 00:13:23,200  
not realize is that a six hour eva takes

132  
00:13:27,430 --> 00:13:25,600  
hours of preparation beforehand to get

133  
00:13:29,910 --> 00:13:27,440  
us out the door and then

134  
00:13:31,030 --> 00:13:29,920  
tracy and jim worked very very quickly

135  
00:13:33,430 --> 00:13:31,040  
to get us

136  
00:13:34,949 --> 00:13:33,440  
in to the airlock and out of the suits

137  
00:13:36,470 --> 00:13:34,959  
because by that time of the day we're

138  
00:13:56,069 --> 00:13:36,480

pretty tired and

139

00:13:59,509 --> 00:13:57,509

tracy caldwell was just such a

140

00:14:01,269 --> 00:13:59,519

tremendous help in the airlock today we

141

00:14:02,470 --> 00:14:01,279

actually had never had a chance to train

142

00:14:03,990 --> 00:14:02,480

we were not

143

00:14:05,829 --> 00:14:04,000

with our original launch date even

144

00:14:07,430 --> 00:14:05,839

supposed to be in space together

145

00:14:09,189 --> 00:14:07,440

and yet

146

00:14:10,470 --> 00:14:09,199

her professionalism and her background

147

00:14:12,870 --> 00:14:10,480

in the airlock

148

00:14:19,910 --> 00:14:12,880

she was just a great asset and

149

00:14:23,509 --> 00:14:21,910

airlock houston space ground one the big

150

00:14:25,829 --> 00:14:23,519

loop for tracy

151  
00:14:26,629 --> 00:14:25,839  
we see good data on the ground on top of

152  
00:14:29,269 --> 00:14:26,639  
that

153  
00:14:32,629 --> 00:14:29,279  
i think the guru for us of all things

154  
00:14:34,470 --> 00:14:32,639  
airlock was uh tj he's just been

155  
00:14:36,310 --> 00:14:34,480  
i think a tremendous resource for the

156  
00:14:38,790 --> 00:14:36,320  
whole crew and in so many ways

157  
00:14:40,710 --> 00:14:38,800  
especially any computer glitch first guy

158  
00:14:43,030 --> 00:14:40,720  
you turn to is tj he knows him inside

159  
00:14:45,670 --> 00:14:43,040  
and out but anytime we are looking for

160  
00:14:47,430 --> 00:14:45,680  
something or had a question he was he

161  
00:14:50,310 --> 00:14:47,440  
was the man right on the spot to help us

162  
00:14:52,629 --> 00:14:50,320  
out and as a result we ended up being 15

163  
00:14:55,829 --> 00:14:52,639

minutes ahead of the timeline getting in

164

00:15:01,990 --> 00:14:55,839

or getting out of the the hatch today so

165

00:15:06,550 --> 00:15:03,750

again i guess can't say it enough

166

00:15:08,230 --> 00:15:06,560

what what great teamwork

167

00:15:09,990 --> 00:15:08,240

that we saw all day today

168

00:15:11,189 --> 00:15:10,000

all around the space station and shuttle

169

00:15:13,350 --> 00:15:11,199

complex

170

00:15:14,790 --> 00:15:13,360

on the ground we just got a tremendous

171

00:15:15,750 --> 00:15:14,800

amount of work done

172

00:15:17,590 --> 00:15:15,760

and

173

00:15:25,189 --> 00:15:17,600

it's just phenomenal to see this team in

174

00:15:28,629 --> 00:15:26,949

after a hard day's work it was nice to

175

00:15:30,389 --> 00:15:28,639

be able to greet rick and clay as they

176

00:15:32,629 --> 00:15:30,399

were coming inside

177

00:15:34,790 --> 00:15:32,639

uh handshakes and hugs all around for

178

00:15:36,550 --> 00:15:34,800

the fantastic job that they did

179

00:15:39,829 --> 00:15:36,560

and uh

180

00:15:41,590 --> 00:15:39,839

and dottie also uh orchestrating the

181

00:15:43,189 --> 00:15:41,600

space walk and leading them through

182

00:15:45,269 --> 00:15:43,199

setting up the tools

183

00:15:51,749 --> 00:15:45,279

it was just nice nice to see it all come

184

00:15:57,430 --> 00:15:55,430

here we got some more uh

185

00:15:58,550 --> 00:15:57,440

activity going on in the mplm we have

186

00:16:01,430 --> 00:15:58,560

our

187

00:16:04,710 --> 00:16:01,440

three young ladies that are

188

00:16:06,150 --> 00:16:04,720

integral to the sts-131 transfer team

189

00:16:08,870 --> 00:16:06,160

having a little fun and doing a little

190

00:16:10,790 --> 00:16:08,880

goofing off of of course you know we'll