



1  
00:00:16,710 --> 00:00:14,870  
we have a couple different things we'd

2  
00:00:19,830 --> 00:00:16,720  
like to do today um

3  
00:00:21,990 --> 00:00:19,840  
the first of which is a uh is a special

4  
00:00:23,830 --> 00:00:22,000  
presentation um

5  
00:00:25,830 --> 00:00:23,840  
you know uh when uh when great things

6  
00:00:28,870 --> 00:00:25,840  
are accomplished uh pivotal moments

7  
00:00:31,029 --> 00:00:28,880  
occur in history we uh we have monuments

8  
00:00:32,310 --> 00:00:31,039  
and statues and we would have loved to

9  
00:00:34,389 --> 00:00:32,320  
brought a monument but we really

10  
00:00:36,549 --> 00:00:34,399  
couldn't bring a monument

11  
00:00:38,069 --> 00:00:36,559  
so what we did to

12  
00:00:38,950 --> 00:00:38,079  
celebrate this

13  
00:00:40,709 --> 00:00:38,960

final

14

00:00:41,910 --> 00:00:40,719

uh shuttle spike

15

00:00:42,830 --> 00:00:41,920

talking to the international space

16

00:00:45,190 --> 00:00:42,840

station

17

00:00:47,990 --> 00:00:45,200

is the best monument we could possibly

18

00:00:50,229 --> 00:00:48,000

find and that's a space shuttle model

19

00:00:51,430 --> 00:00:50,239

uh the space shuttle model

20

00:00:54,310 --> 00:00:51,440

was uh

21

00:00:56,549 --> 00:00:54,320

signed by the modern day titans of the

22

00:00:59,510 --> 00:00:56,559

space shuttle program

23

00:01:00,950 --> 00:00:59,520

including john shannon leroy kane

24

00:01:03,349 --> 00:01:00,960

mike weinbach

25

00:01:05,910 --> 00:01:03,359

um our lead flight directors quatzi

26

00:01:08,550 --> 00:01:05,920

alabarujo and chris edwin

27

00:01:10,550 --> 00:01:08,560

um what you don't see is the signatures

28

00:01:13,190 --> 00:01:10,560

of the

29

00:01:15,270 --> 00:01:13,200

tens of thousands who rode to orbit with

30

00:01:16,710 --> 00:01:15,280

us over the past 30 years if only in

31

00:01:18,789 --> 00:01:16,720

spirit

32

00:01:21,990 --> 00:01:18,799

uh what we would like is uh for doug to

33

00:01:24,390 --> 00:01:22,000

present this model to uh mike fossum uh

34

00:01:26,950 --> 00:01:24,400

of the expedition 28 crew

35

00:01:29,670 --> 00:01:26,960

and mike will uh hopefully

36

00:01:31,830 --> 00:01:29,680

display it in a position of respect

37

00:01:41,030 --> 00:01:31,840

right here by the shuttle's regular old

38

00:01:45,510 --> 00:01:43,350

we all have lots of stories my story

39

00:01:48,230 --> 00:01:45,520

with the shuttle program began in

40

00:01:50,149 --> 00:01:48,240

1982 when i worked at sts-3 in mission

41

00:01:52,469 --> 00:01:50,159

control

42

00:01:54,149 --> 00:01:52,479

hundreds of thousands of people have

43

00:01:56,230 --> 00:01:54,159

contributed to the shuttle program

44

00:01:57,910 --> 00:01:56,240

through the many years 30 years of

45

00:01:59,590 --> 00:01:57,920

flying service and

46

00:02:01,190 --> 00:01:59,600

another decade and a half of development

47

00:02:03,590 --> 00:02:01,200

before that

48

00:02:05,910 --> 00:02:03,600

the space shuttle program has inspired

49

00:02:08,229 --> 00:02:05,920

billions and millions more

50

00:02:10,790 --> 00:02:08,239

we're happy to have this model as one of

51  
00:02:12,869 --> 00:02:10,800  
the greatest testaments to the shuttle's

52  
00:02:14,949 --> 00:02:12,879  
incredible capabilities that 90 percent

53  
00:02:17,030 --> 00:02:14,959  
of the world's population can look out

54  
00:02:27,750 --> 00:02:17,040  
of their backyards at night and see us

55  
00:02:31,350 --> 00:02:29,910  
it looks absolutely uh fantastic there

56  
00:02:33,990 --> 00:02:31,360  
mike it's uh

57  
00:02:37,750 --> 00:02:34,000  
it's the next best thing to really being

58  
00:02:43,430 --> 00:02:39,190  
we also have a

59  
00:02:47,750 --> 00:02:43,440  
another special presentation today

60  
00:02:50,229 --> 00:02:47,760  
and that presentation is a special flag

61  
00:02:52,630 --> 00:02:50,239  
that flag was handed to me personally

62  
00:02:54,949 --> 00:02:52,640  
just a few days before launch

63  
00:02:57,589 --> 00:02:54,959

and the crew of sts-135 the final

64

00:02:59,430 --> 00:02:57,599

shuttle mission brought it to the

65

00:03:01,270 --> 00:02:59,440

international space station and since

66

00:03:03,350 --> 00:03:01,280

we've been here we've prominently

67

00:03:05,270 --> 00:03:03,360

displayed the flag on the ford flight

68

00:03:07,110 --> 00:03:05,280

deck we actually had it there a little

69

00:03:09,830 --> 00:03:07,120

bit earlier on for a public affairs

70

00:03:11,430 --> 00:03:09,840

event but uh doug and i

71

00:03:13,990 --> 00:03:11,440

rex and sandy

72

00:03:17,030 --> 00:03:14,000

uh we just really liked it it just

73

00:03:19,030 --> 00:03:17,040

symbolized what we were all here for and

74

00:03:21,030 --> 00:03:19,040

we left it there permanently and i think

75

00:03:22,869 --> 00:03:21,040

it made us feel good

76

00:03:24,630 --> 00:03:22,879

but we have that flag and that flag is

77

00:03:26,630 --> 00:03:24,640

significant not only because we brought

78

00:03:29,430 --> 00:03:26,640

it up on this flight but because it also

79

00:03:30,390 --> 00:03:29,440

flew on sts-1

80

00:03:38,229 --> 00:03:30,400

we can

81

00:03:43,350 --> 00:03:40,630

this flag represents not just a symbol

82

00:03:44,869 --> 00:03:43,360

of our national pride and honor

83

00:03:47,270 --> 00:03:44,879

but in this particular case it

84

00:03:49,910 --> 00:03:47,280

represents a goal

85

00:03:53,190 --> 00:03:49,920

this flag also will be flown prominently

86

00:03:55,030 --> 00:03:53,200

here by the ford hatch of no two

87

00:03:57,270 --> 00:03:55,040

to be returned

88

00:03:59,429 --> 00:03:57,280

to earth once again

89

00:04:02,550 --> 00:03:59,439

by an astronaut that launches on the us

90

00:04:04,550 --> 00:04:02,560

vehicle hopefully in just a few years

91

00:04:05,350 --> 00:04:04,560

ron i'd like to turn this flag over to

92

00:04:13,429 --> 00:04:05,360

you

93

00:04:15,789 --> 00:04:13,439

we're looking for a place to hang this

94

00:04:17,749 --> 00:04:15,799

flag that flew on sts-1 and

95

00:04:19,189 --> 00:04:17,759

scs-135 and uh

96

00:04:20,629 --> 00:04:19,199

you know when we were thinking about it

97

00:04:22,550 --> 00:04:20,639

we thought the harmony module would be

98

00:04:24,950 --> 00:04:22,560

the perfect place you know on our on our

99

00:04:26,150 --> 00:04:24,960

right we've got the japanese laboratory

100

00:04:27,430 --> 00:04:26,160

on our left we have the european

101  
00:04:28,950 --> 00:04:27,440  
laboratory

102  
00:04:30,950 --> 00:04:28,960  
in front of us we've got the hatch that

103  
00:04:32,070 --> 00:04:30,960  
leads to the u.s laboratory the russian

104  
00:04:34,310 --> 00:04:32,080  
segment and the rest of the space

105  
00:04:36,629 --> 00:04:34,320  
station and above us and below us are

106  
00:04:39,430 --> 00:04:36,639  
hatches where visiting spacecraft can

107  
00:04:41,189 --> 00:04:39,440  
bring cargo but behind us

108  
00:04:42,710 --> 00:04:41,199  
going through that hatch right there

109  
00:04:45,510 --> 00:04:42,720  
right now that's the hatch that leads to

110  
00:04:48,790 --> 00:04:45,520  
atlantis and 35 space shuttles have

111  
00:04:51,189 --> 00:04:48,800  
docked to that uh mating adapter that's

112  
00:04:53,110 --> 00:04:51,199  
attached just beyond that uh that hatch

113  
00:04:54,710 --> 00:04:53,120

right there and you know during the

114

00:04:55,909 --> 00:04:54,720

course of the

115

00:04:57,110 --> 00:04:55,919

of the international space station

116

00:04:59,030 --> 00:04:57,120

construction

117

00:05:01,670 --> 00:04:59,040

all those space shuttles at that doctor

118

00:05:04,230 --> 00:05:01,680

left the legacy of this incredible

119

00:05:05,749 --> 00:05:04,240

orbiting research facility that not only

120

00:05:08,150 --> 00:05:05,759

uh is

121

00:05:09,590 --> 00:05:08,160

you know going to be a stepping stone uh

122

00:05:10,870 --> 00:05:09,600

to the rest of the

123

00:05:11,909 --> 00:05:10,880

explanation of the rest of the solar

124

00:05:13,830 --> 00:05:11,919

system

125

00:05:15,510 --> 00:05:13,840

it's also really improving life on our

126

00:05:16,790 --> 00:05:15,520

planet and so we thought it was a very

127

00:05:19,189 --> 00:05:16,800

fitting place

128

00:05:21,270 --> 00:05:19,199

to put that and as we uh put this flag

129

00:05:23,189 --> 00:05:21,280

on the hatch that leads to atlantis

130

00:05:24,790 --> 00:05:23,199

right now and when we close that hatch

131

00:05:27,029 --> 00:05:24,800

when these guys go by we're closing a

132

00:05:29,590 --> 00:05:27,039

chapter in the history of our nation

133

00:05:33,270 --> 00:05:29,600

but uh in the future when another

134

00:05:36,070 --> 00:05:33,280

spacecraft talks to that uh that hatch

135

00:05:38,790 --> 00:05:36,080

and with with crew members on board and

136

00:05:41,110 --> 00:05:38,800

we open that hatch we are going to be

137

00:05:43,189 --> 00:05:41,120

opening a new era and raising the flag

138

00:05:44,710 --> 00:05:43,199

on a new era of uh explanation beyond

139

00:05:46,390 --> 00:05:44,720

low-earth orbit so it's a great honor to

140

00:05:48,070 --> 00:05:46,400

do that and it's a great place for us to

141

00:05:49,830 --> 00:05:48,080

put it

142

00:05:50,870 --> 00:05:49,840

thanks ron

143

00:05:54,070 --> 00:05:50,880

and uh

144

00:05:54,950 --> 00:05:54,080

when this flag returns again someday to

145

00:05:56,870 --> 00:05:54,960

earth

146

00:05:59,189 --> 00:05:56,880

by astronauts that came up on an

147

00:06:01,830 --> 00:05:59,199

american spacecraft its journey will not

148

00:06:03,110 --> 00:06:01,840

end there uh its journey will continue

149

00:06:04,550 --> 00:06:03,120

continue

150

00:06:06,230 --> 00:06:04,560

it will also

151

00:06:08,469 --> 00:06:06,240

on the heavy lift vehicle that the

152

00:06:11,670 --> 00:06:08,479

united states is currently working on

153

00:06:13,749 --> 00:06:11,680

it will leave low earth orbit once again

154

00:06:14,950 --> 00:06:13,759

perhaps to a lunar destination perhaps

155

00:06:17,510 --> 00:06:14,960

to mars

156

00:06:20,230 --> 00:06:17,520

i think i certainly speak on behalf of

157

00:06:23,189 --> 00:06:20,240

the sts-135 crew and on behalf of

158

00:06:24,469 --> 00:06:23,199

expedition 28 that is our honor to have

159

00:06:27,670 --> 00:06:24,479

brought this flag here and to

160

00:06:27,680 --> 00:06:44,469

thank you

161

00:06:48,390 --> 00:06:46,870

atlantis and iss thanks for those

162

00:06:49,990 --> 00:06:48,400

inspiring words

163

00:06:51,270 --> 00:06:50,000

thank you for honoring the thousands of

164

00:06:53,589 --> 00:06:51,280

people that have been a part of the

165

00:06:55,909 --> 00:06:53,599

space shuttle program over the years

166

00:06:58,150 --> 00:06:55,919

and we look forward as you do to the day

167

00:07:00,629 --> 00:06:58,160

when that flag will return to earth um

168

00:07:03,510 --> 00:07:00,639

with the u.s crew and then move on

169

00:07:04,790 --> 00:07:03,520

beyond our low earth orbit thanks very

170

00:07:06,469 --> 00:07:04,800

much

171

00:07:09,189 --> 00:07:06,479

hey great where is megan

172

00:07:10,790 --> 00:07:09,199

and uh now back to uh what we continue

173

00:07:13,510 --> 00:07:10,800

to be a more traditional farewell

174

00:07:15,110 --> 00:07:13,520

ceremony i'd like to thank the commander

175

00:07:17,189 --> 00:07:15,120

of the international

176

00:07:18,950 --> 00:07:17,199

space station andre borisenko for your

177

00:07:20,390 --> 00:07:18,960

hospitality you've been absolutely

178

00:07:22,309 --> 00:07:20,400

fantastic to us

179

00:07:25,589 --> 00:07:22,319

you and your crew have uh have

180

00:07:27,589 --> 00:07:25,599

demonstrated not only uh iss hospitality

181

00:07:29,589 --> 00:07:27,599

but you've demonstrated fantastic

182

00:07:31,430 --> 00:07:29,599

russian hospitality it's been wonderful

183

00:07:33,589 --> 00:07:31,440

to be here with you you have a wonderful

184

00:07:34,469 --> 00:07:33,599

home you're taking fantastic care of it

185

00:07:36,150 --> 00:07:34,479

and

186

00:07:38,150 --> 00:07:36,160

you are you're going to keep it looking

187

00:07:42,629 --> 00:07:38,160

good for generations of space travelers

188

00:07:47,189 --> 00:07:46,150

we have good together and

189

00:07:48,629 --> 00:07:47,199

i would

190

00:07:51,350 --> 00:07:48,639

say you

191

00:07:58,950 --> 00:07:51,360

have a good landing

192

00:08:03,749 --> 00:08:01,510

hey just a few words uh overall on the

193

00:08:06,070 --> 00:08:03,759

uh the mission itself uh you know this

194

00:08:07,909 --> 00:08:06,080

was a little bit of a unique mission uh

195

00:08:09,270 --> 00:08:07,919

for a couple of different reasons uh

196

00:08:11,430 --> 00:08:09,280

first of all we had kind of an

197

00:08:13,350 --> 00:08:11,440

abbreviated crew we had four shuttle

198

00:08:14,390 --> 00:08:13,360

crew coming up joining six space station

199

00:08:16,550 --> 00:08:14,400

crew

200

00:08:18,950 --> 00:08:16,560

i think in this particular instance it

201  
00:08:20,469 --> 00:08:18,960  
forced us to all to work as a as a

202  
00:08:22,230 --> 00:08:20,479  
very tight

203  
00:08:23,350 --> 00:08:22,240  
team from the very beginning we had a

204  
00:08:24,830 --> 00:08:23,360  
lot of help from our station

205  
00:08:28,950 --> 00:08:24,840  
counterparts

206  
00:08:30,950 --> 00:08:28,960  
uh sasha and andre sergey

207  
00:08:33,110 --> 00:08:30,960  
the very first day that we were docked

208  
00:08:35,029 --> 00:08:33,120  
they showed up in the mplm

209  
00:08:37,190 --> 00:08:35,039  
to put me to work uh they were

210  
00:08:39,670 --> 00:08:37,200  
absolutely wonderful they were great

211  
00:08:41,909 --> 00:08:39,680  
sports and took care of actually stowing

212  
00:08:43,029 --> 00:08:41,919  
an awful lot of our cargo for us

213  
00:08:46,070 --> 00:08:43,039

um

214

00:08:48,389 --> 00:08:46,080

we we emptied the moplum uh finally today

215

00:08:50,310 --> 00:08:48,399

and uh just a short while ago uh put it

216

00:08:51,590 --> 00:08:50,320

back in the shuttle's payload bay

217

00:08:53,269 --> 00:08:51,600

hopefully with everything that should be

218

00:08:54,630 --> 00:08:53,279

on there and if not what's remaining is

219

00:08:56,470 --> 00:08:54,640

going to go through this hatch in just a

220

00:08:59,030 --> 00:08:56,480

moment but

221

00:09:00,870 --> 00:08:59,040

to the expedition 28 crew again thank

222

00:09:04,389 --> 00:09:00,880

you very much for your hospitality on

223

00:09:06,949 --> 00:09:04,399

behalf of the 135 crew

224

00:09:08,230 --> 00:09:06,959

well thanks fergie it's been an honor

225

00:09:10,550 --> 00:09:08,240

having you guys on board it's been great

226

00:09:12,150 --> 00:09:10,560

having you guys on board uh it's great

227

00:09:14,710 --> 00:09:12,160

being a part of this really important

228

00:09:16,550 --> 00:09:14,720

and uh historic mission and uh

229

00:09:19,509 --> 00:09:16,560

we want to just thank you guys so much

230

00:09:21,590 --> 00:09:19,519

for leaving the space station uh

231

00:09:23,190 --> 00:09:21,600

in a posture for for defending

232

00:09:25,190 --> 00:09:23,200

utilization computing use for the rest

233

00:09:26,550 --> 00:09:25,200

of the decade it's been it's been really

234

00:09:27,509 --> 00:09:26,560

great and

235

00:09:29,590 --> 00:09:27,519

you know

236

00:09:31,110 --> 00:09:29,600

thank doug for all your work uh on the

237

00:09:33,990 --> 00:09:31,120

transfer and robotics it was just

238

00:09:36,070 --> 00:09:34,000

amazing and uh where's rex rex thank you

239

00:09:38,310 --> 00:09:36,080

for for all your your leadership and

240

00:09:40,550 --> 00:09:38,320

your dedication to hard work on the

241

00:09:42,389 --> 00:09:40,560

space walk uh you and the eu team on the

242

00:09:44,470 --> 00:09:42,399

ground really made that that a big

243

00:09:45,829 --> 00:09:44,480

success and fergie thank you for your

244

00:09:47,590 --> 00:09:45,839

leadership thank you for bringing the

245

00:09:49,190 --> 00:09:47,600

guys here but of all your many many

246

00:09:51,590 --> 00:09:49,200

accomplishments that you did on this

247

00:09:53,430 --> 00:09:51,600

mission for us from our perspective the

248

00:09:59,190 --> 00:09:53,440

most important thing you did was bring

249

00:10:03,430 --> 00:10:02,150

we cannot thank you enough for always

250

00:10:04,870 --> 00:10:03,440

keeping the big picture in mind always

251  
00:10:07,190 --> 00:10:04,880  
keeping what life is going to be like

252  
00:10:09,269 --> 00:10:07,200  
after you guys leave uh

253  
00:10:10,870 --> 00:10:09,279  
you were just absolutely amazing we just

254  
00:10:12,790 --> 00:10:10,880  
cannot thank you enough for for

255  
00:10:14,630 --> 00:10:12,800  
everything that you've done for us and

256  
00:10:15,990 --> 00:10:14,640  
you know we don't even realize it yet

257  
00:10:18,550 --> 00:10:16,000  
but in a couple of weeks we're going to

258  
00:10:20,550 --> 00:10:18,560  
be going wow i'm glad sandy was here and

259  
00:10:22,470 --> 00:10:20,560  
we tried to trade mike for sandy but

260  
00:10:23,430 --> 00:10:22,480  
fergie wouldn't take us up on the deal

261  
00:10:24,630 --> 00:10:23,440  
so

262  
00:10:26,550 --> 00:10:24,640  
but

263  
00:10:29,190 --> 00:10:26,560

fergie thank you and your crew so much

264

00:10:30,949 --> 00:10:29,200

um like i said uh it's you've really

265

00:10:33,430 --> 00:10:30,959

left it in a good position so on behalf

266

00:10:35,430 --> 00:10:33,440

of the expedition 28 crew the entire iss

267

00:10:38,230 --> 00:10:35,440

program we'd like to thank you your crew

268

00:10:40,230 --> 00:10:38,240

and the entire sgs 135 team for leaving

269

00:11:26,550 --> 00:10:40,240

the station ready to go for the rest of

270

00:11:30,310 --> 00:11:28,470

this is mission control houston as the

271

00:11:33,829 --> 00:11:30,320

international space station and space

272

00:11:35,430 --> 00:11:33,839

shuttle atlantis fly 250 miles to the

273

00:11:36,949 --> 00:11:35,440

south of australia

274

00:12:01,150 --> 00:11:36,959

the two crews are saying farewell to one

275

00:12:05,509 --> 00:12:03,509

sts-135 commander chris ferguson and the

276

00:12:06,710 --> 00:12:05,519

rest of atlantis crew are leaving behind

277

00:12:08,790 --> 00:12:06,720

an important

278

00:12:10,710 --> 00:12:08,800

american flag that flew on sts-1 the

279

00:12:13,990 --> 00:12:10,720

very first space shuttle mission back in

280

00:12:18,629 --> 00:12:16,629

that flag will be retrieved once again

281

00:12:20,069 --> 00:12:18,639

by the next united states spacecraft to

282

00:12:21,829 --> 00:12:20,079

fly to the space station it will come

283

00:12:23,990 --> 00:12:21,839

back to earth

284

00:12:26,069 --> 00:12:24,000

and then it will be returned with the

285

00:12:27,990 --> 00:12:26,079

next spacecraft that goes beyond low

286

00:13:32,389 --> 00:12:28,000

earth orbit that flag will once again

287

00:13:32,399 --> 00:13:37,990

houston atlantis

288

00:13:41,110 --> 00:13:39,350

good afternoon sandy go ahead for

289

00:13:42,870 --> 00:13:41,120

transfer

290

00:13:44,870 --> 00:13:42,880

hey jeremy thanks for waiting i really

291

00:13:46,949 --> 00:13:44,880

appreciate it

292

00:13:54,710 --> 00:13:46,959

poor man always waiting on me but um i'm

293

00:13:59,030 --> 00:13:56,310

okay

294

00:14:02,310 --> 00:13:59,040

i have a note that the cwc iodines were

295

00:14:04,389 --> 00:14:02,320

all taken care of

296

00:14:08,470 --> 00:14:04,399

okay copy all the cwc eyes are on

297

00:14:08,480 --> 00:14:14,949

that's

298

00:14:43,350 --> 00:14:17,350

kit item affirmative is gone it's over

299

00:14:46,629 --> 00:14:45,110

went as planned

300

00:14:48,470 --> 00:14:46,639

i also have a serial number for the

301  
00:14:51,670 --> 00:14:48,480  
handheld bike

302  
00:14:53,990 --> 00:14:51,680  
and that one is 5030.

303  
00:14:57,110 --> 00:14:54,000  
copy 5030 for the serial number on the

304  
00:15:01,350 --> 00:14:58,949  
you should show is things from the

305  
00:15:03,269 --> 00:15:01,360  
resupply list uh completed

306  
00:15:06,069 --> 00:15:03,279  
insanity i concur i'm showing all

307  
00:15:07,509 --> 00:15:06,079  
middeck respite complete

308  
00:15:24,790 --> 00:15:07,519  
okay let's go ahead and go to return

309  
00:15:32,949 --> 00:15:29,189  
the half ctb or i'm sorry the 1.0 ctd is

310  
00:15:32,959 --> 00:15:35,910  
okay

311  
00:15:35,920 --> 00:15:43,350  
item 435.1 is complete

312  
00:15:50,150 --> 00:15:47,310  
item 441 441.1 and

313  
00:15:53,110 --> 00:15:50,160

441.2 are complete and i have the serial

314

00:15:55,269 --> 00:15:53,120  
numbers if you want them

315

00:15:57,590 --> 00:15:55,279  
copy those are complete and uh negative

316

00:16:08,150 --> 00:15:57,600  
i don't need the serial numbers

317

00:16:17,990 --> 00:16:11,749  
okay on return page five item 702 has

318

00:16:24,470 --> 00:16:20,150  
and on return page six both double call

319

00:16:26,470 --> 00:16:24,480  
back 706 and 707 are back on shuttle

320

00:16:28,069 --> 00:16:26,480  
i should stay back on this level 1002's

321

00:16:33,030 --> 00:16:28,079  
back on the shuttle and we got 10 12

322

00:16:36,949 --> 00:16:35,350  
and also both of the emu's are back in

323

00:16:38,949 --> 00:16:36,959  
the airlock they're no longer in

324

00:16:41,829 --> 00:16:38,959  
columbus

325

00:16:41,839 --> 00:16:48,949  
7 13 on return page 7 is complete

326  
00:16:48,959 --> 00:17:00,069  
721 and 722 and returned are complete

327  
00:17:05,270 --> 00:17:02,629  
and on return page 11 we did get a

328  
00:17:09,990 --> 00:17:05,280  
camcorder uh from them item 801. the

329  
00:17:14,150 --> 00:17:11,909  
copies one zero two eight thanks for

330  
00:17:18,630 --> 00:17:14,160  
getting that for us

331  
00:17:19,990 --> 00:17:18,640  
no problem uh on return takes 12 10 59

332  
00:17:24,870 --> 00:17:20,000  
10 60

333  
00:17:28,789 --> 00:17:27,350  
9006 has reluctantly been transferred

334  
00:17:30,870 --> 00:17:28,799  
over to the shuttle and that's complete

335  
00:17:32,470 --> 00:17:30,880  
as well

336  
00:17:34,710 --> 00:17:32,480  
copy thanks for getting on the right

337  
00:17:36,789 --> 00:17:34,720  
side of the hatch

338  
00:17:38,950 --> 00:17:36,799

yeah we had the duct taper but she's uh

339

00:17:40,390 --> 00:17:38,960

on the right side now

340

00:17:44,549 --> 00:17:40,400

i would have been in organizational

341

00:17:44,559 --> 00:17:49,669

i'm sure the iss side would like that

342

00:17:53,909 --> 00:17:51,750

anyways jeremy with all of that i think

343

00:17:55,510 --> 00:17:53,919

that we are complete on the return with

344

00:17:56,789 --> 00:17:55,520

you double check everything that will

345

00:18:35,029 --> 00:17:56,799

really be great

346

00:18:39,909 --> 00:18:36,870

and sandy if you're ready i have some

347

00:18:41,669 --> 00:18:39,919

open items i'd like to clear up with you

348

00:18:44,470 --> 00:18:41,679

okay

349

00:18:51,510 --> 00:18:44,480

the first is on return page 3

350

00:18:54,630 --> 00:18:52,390

okay

351

00:19:07,430 --> 00:18:54,640

we have a note that says item deleted i

352

00:19:15,990 --> 00:19:11,190

and sandy we're not showing 443.3

353

00:19:19,350 --> 00:19:17,909

i'm looking at the wrong number okay i'm

354

00:19:24,789 --> 00:19:19,360

looking at the right number now sorry

355

00:19:27,750 --> 00:19:26,230

okay i'm sorry that is here doug's

356

00:19:29,590 --> 00:19:27,760

telling me he brought that today so if i

357

00:19:32,310 --> 00:19:29,600

didn't read it down it's because i

358

00:19:34,549 --> 00:19:32,320

skipped over it

359

00:19:40,789 --> 00:19:34,559

okay we'll show that complete the next

360

00:19:45,270 --> 00:19:42,870

okay yeah that was brought across on

361

00:19:47,990 --> 00:19:45,280

flight day six and i should have called

362

00:20:02,070 --> 00:19:48,000

it then if i didn't i apologize

363

00:20:09,750 --> 00:20:04,950

and sandy item 445 is that complete as

364

00:20:14,149 --> 00:20:12,470

445 was the one that was originally in

365

00:20:15,909 --> 00:20:14,159

the mtlm that we brought over into the

366

00:20:17,270 --> 00:20:15,919

mid deck and i think it went into bag a

367

00:20:24,549 --> 00:20:17,280

correct

368

00:20:33,190 --> 00:20:28,070

okay now i'm on page return page five

369

00:20:36,470 --> 00:20:34,870

yeah that actually never left the

370

00:20:46,390 --> 00:20:36,480

airlock we ended up leaving it there so

371

00:20:57,669 --> 00:20:48,230

copying the last item i have for you is

372

00:21:02,710 --> 00:21:00,789

okay i have a note that says that that's

373

00:21:04,950 --> 00:21:02,720

three bags

374

00:21:06,870 --> 00:21:04,960

and they were in bag 401 which means now

375

00:21:08,310 --> 00:21:06,880

they're in the food trays and i'm

376

00:21:09,990 --> 00:21:08,320

getting a positive

377

00:21:13,029 --> 00:21:10,000

affirmation from doug if that is indeed

378

00:21:13,039 --> 00:21:17,669

okay copy 720 complete

379

00:21:21,190 --> 00:21:19,110

and sandy boss i just want to double

380

00:21:23,669 --> 00:21:21,200

check that you got the pfe and ppa out

381

00:21:27,190 --> 00:21:23,679

of the mplm this morning

382

00:21:30,230 --> 00:21:27,200

yes the uh the pfe went back to its uh

383

00:21:32,630 --> 00:21:30,240

port location in node one and the tva

384

00:21:34,390 --> 00:21:32,640

for the procedure that was sent up to uh

385

00:21:36,950 --> 00:21:34,400

put it on the airlock and the sixth part

386

00:21:38,549 --> 00:21:36,960

of the strap i took a picture on one of

387

00:21:40,070 --> 00:21:38,559

the station cameras whenever they

388

00:21:43,350 --> 00:21:40,080

noticed that you guys should get the

389

00:21:47,590 --> 00:21:45,590

excellent sounds good

390

00:21:49,190 --> 00:21:47,600

quick in the big loop good rob if you

391

00:21:53,590 --> 00:21:49,200

guys can get steps two or three we'd

392

00:21:57,830 --> 00:21:55,750

we'll get two and three and work

393

00:21:59,190 --> 00:21:57,840

thanks and sandy with that i show you

394

00:22:01,270 --> 00:21:59,200

complete

395

00:22:02,149 --> 00:22:01,280

uh with transfer not only for this

396

00:22:03,990 --> 00:22:02,159

mission

397

00:22:05,430 --> 00:22:04,000

uh but for over 12 years of space

398

00:22:07,270 --> 00:22:05,440

shuttle transfer operations to the

399

00:22:08,950 --> 00:22:07,280

international space station

400

00:22:12,070 --> 00:22:08,960

and i can't think of a better crew to

401  
00:22:13,909 --> 00:22:12,080  
wrap this up for the program

402  
00:22:15,750 --> 00:22:13,919  
oh jeremy that's really great i've been

403  
00:22:17,909 --> 00:22:15,760  
really fortunate to work with you on all

404  
00:22:20,390 --> 00:22:17,919  
three of my missions and let me tell you

405  
00:22:22,230 --> 00:22:20,400  
the only i repeat again because you are

406  
00:22:23,350 --> 00:22:22,240  
so good and your team is so good at what

407  
00:22:24,789 --> 00:22:23,360  
you do

408  
00:22:26,870 --> 00:22:24,799  
not only were we able to get this

409  
00:22:28,230 --> 00:22:26,880  
mission pulled off but all the other

410  
00:22:29,510 --> 00:22:28,240  
transfers that we've done and i think

411  
00:22:31,510 --> 00:22:29,520  
you had a

412  
00:22:32,710 --> 00:22:31,520  
note about how many tons of equipment

413  
00:22:34,230 --> 00:22:32,720

and supplies

414

00:22:36,470 --> 00:22:34,240

that was and it's really an impressive

415

00:22:40,870 --> 00:22:36,480

amount and all the hard work you guys do

416

00:22:45,270 --> 00:22:43,590

thank you for the kind words and

417

00:22:46,149 --> 00:22:45,280

and please pass on to fergie that it's

418

00:22:47,750 --> 00:22:46,159

been

419

00:22:49,750 --> 00:22:47,760

an honor and a privilege to work with

420

00:22:51,669 --> 00:22:49,760

you guys for the last several months and

421

00:22:55,350 --> 00:22:51,679

especially this last week and we look

422

00:22:58,710 --> 00:22:57,029

hey jeremy uh

423

00:22:59,909 --> 00:22:58,720

i think you know how about i feel about

424

00:23:01,029 --> 00:22:59,919

you we've been working together for a

425

00:23:03,590 --> 00:23:01,039

long time i think you've done an

426

00:23:05,909 --> 00:23:03,600

absolutely wonderful job your team uh

427

00:23:06,950 --> 00:23:05,919

absolutely fantastic uh you know of

428

00:23:08,870 --> 00:23:06,960

course

429

00:23:11,350 --> 00:23:08,880

between the between you and your team

430

00:23:13,110 --> 00:23:11,360

and uh and sandy and all the folks who

431

00:23:14,310 --> 00:23:13,120

were transferred up here hopefully we

432

00:23:16,630 --> 00:23:14,320

got everything on the right side of the

433

00:23:20,310 --> 00:23:16,640

hatch i'm confident we did and uh my

434

00:23:34,230 --> 00:23:20,320

hat's off to you you guys did fantastic

435

00:23:34,240 --> 00:23:42,710

way to go doug

436

00:23:42,720 --> 00:23:49,510

just like before

437

00:23:52,230 --> 00:23:51,110

all right well like i said we look

438

00:23:54,549 --> 00:23:52,240

forward to seeing you guys home later

439

00:24:05,909 --> 00:23:54,559

this week

440

00:24:09,669 --> 00:24:07,430

this is mission control houston with

441

00:24:11,190 --> 00:24:09,679

that the transfer brief is uh completed

442

00:24:13,190 --> 00:24:11,200

for today that was the final step before

443

00:24:14,549 --> 00:24:13,200

the hatches are closed

444

00:24:15,590 --> 00:24:14,559

the team here in houston just wanted to

445

00:24:17,029 --> 00:24:15,600

make sure that everything has been taken

446

00:24:18,870 --> 00:24:17,039

care of in terms of atlantis mid

447

00:24:20,710 --> 00:24:18,880

mid-deck that is jeremy owen there on

448

00:24:22,149 --> 00:24:20,720

the bottom left-hand side he's a member

449

00:24:24,149 --> 00:24:22,159

of the transfer team getting some words

450

00:24:25,669 --> 00:24:24,159

of congratulations and thanks

451

00:24:27,430 --> 00:24:25,679

from the crew of atlantis for the job