



1
00:00:09,589 --> 00:00:03,750
and discovery in iss this is houston are

2
00:00:15,190 --> 00:00:13,190
houston we are ready

3
00:00:17,029 --> 00:00:15,200
nebraska public radio this is houston

4
00:00:20,230 --> 00:00:17,039
please call discovery and iss for a

5
00:00:29,109 --> 00:00:22,870
discovery iss this is nebraska public

6
00:00:33,910 --> 00:00:31,269
nebraska public radio we read you loud

7
00:00:48,389 --> 00:00:33,920
and clear from the node 2 of the

8
00:00:48,399 --> 00:00:52,869
go ahead npr

9
00:00:57,750 --> 00:00:55,910
good morning clay and rick and stephanie

10
00:00:59,750 --> 00:00:57,760
it's good to see you up there your

11
00:01:01,430 --> 00:00:59,760
mission commander alan poindexter

12
00:01:03,750 --> 00:01:01,440
learned a few hours ago that you'll be

13
00:01:12,070 --> 00:01:03,760

spending an extra day in orbit wondering

14

00:01:16,950 --> 00:01:14,950

time on orbit is very precious and so uh

15

00:01:18,390 --> 00:01:16,960

spending an extra day will be great uh

16

00:01:19,590 --> 00:01:18,400

we'll actually be doing our late

17

00:01:21,910 --> 00:01:19,600

inspection while we're docked to the

18

00:01:24,070 --> 00:01:21,920

space station so that we can use their

19

00:01:29,429 --> 00:01:24,080

communications assets to downlink the

20

00:01:32,710 --> 00:01:30,870

um clay the

21

00:01:34,789 --> 00:01:32,720

while you were leaving the airlock for

22

00:01:35,990 --> 00:01:34,799

your space walk this time

23

00:01:39,350 --> 00:01:36,000

were there

24

00:01:45,270 --> 00:01:39,360

misgivings uh

25

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

there are never any misgivings and it's

26
00:01:52,069 --> 00:01:50,159
a great experience so we're very excited

27
00:01:54,310 --> 00:01:52,079
to go outside it'd been about three

28
00:01:56,950 --> 00:01:54,320
years for me and it took a little while

29
00:02:01,830 --> 00:01:56,960
to get used to it i'm hoping that evas

30
00:02:07,190 --> 00:02:04,389
clay the main job on your spacewalk has

31
00:02:08,550 --> 00:02:07,200
been to remove a large storage tank

32
00:02:10,949 --> 00:02:08,560
that's part of the space station's

33
00:02:11,830 --> 00:02:10,959
cooling system and replace it with a new

34
00:02:13,510 --> 00:02:11,840
one

35
00:02:15,750 --> 00:02:13,520
it sounded as if you actually had to

36
00:02:19,350 --> 00:02:15,760
resort to using what sounded like a

37
00:02:24,550 --> 00:02:19,360
crowbar to dislodge it at one point

38
00:02:30,150 --> 00:02:27,110

you're exactly right the ammonia tank

39
00:02:31,589 --> 00:02:30,160
asser assembly we had to get the new one

40
00:02:32,949 --> 00:02:31,599
out of the shuttle's payload bay

41
00:02:35,030 --> 00:02:32,959
yesterday so that it could be temp

42
00:02:36,710 --> 00:02:35,040
stowed on the station and our eva

43
00:02:38,550 --> 00:02:36,720
tomorrow we'll be working on the old one

44
00:02:39,750 --> 00:02:38,560
to get it off of the station and when we

45
00:02:42,229 --> 00:02:39,760
tried to get the new one out of the

46
00:02:44,150 --> 00:02:42,239
payload bay uh we had four bolts the

47
00:02:45,589 --> 00:02:44,160
bolts all came out just fine but then

48
00:02:48,630 --> 00:02:45,599
there are little uh they call them

49
00:02:50,790 --> 00:02:48,640
detents that are soft docks that keep it

50
00:02:53,110 --> 00:02:50,800
in place so that we can just lift it out

51
00:02:54,630 --> 00:02:53,120
with a little bit of force unfortunately

52
00:02:57,190 --> 00:02:54,640
they didn't want to let us lift it out

53
00:02:59,589 --> 00:02:57,200
so we had to take a crowbar we call it a

54
00:03:01,589 --> 00:02:59,599
pry bar and we had to give a little

55
00:03:06,550 --> 00:03:01,599
brute force strength to get it up but

56
00:03:10,869 --> 00:03:08,470
rick mastraccio if i could start with

57
00:03:13,350 --> 00:03:10,879
you on this one we had a a question

58
00:03:15,750 --> 00:03:13,360
submitted by the third grade class here

59
00:03:16,949 --> 00:03:15,760
at holmes elementary school in lincoln

60
00:03:19,190 --> 00:03:16,959
nebraska

61
00:03:21,430 --> 00:03:19,200
they suggested a question they want to

62
00:03:27,509 --> 00:03:21,440
know if it was a little scary going into

63
00:03:31,750 --> 00:03:29,750

well at nasa we train quite a bit in

64

00:03:33,509 --> 00:03:31,760

simulators and mock-ups that look

65

00:03:35,509 --> 00:03:33,519

exactly like the real space shuttle and

66

00:03:37,270 --> 00:03:35,519

like the real space station so when you

67

00:03:39,190 --> 00:03:37,280

get in the real vehicle on launch day

68

00:03:40,789 --> 00:03:39,200

you feel very much at home and you don't

69

00:03:42,869 --> 00:03:40,799

feel nervous or scared at all and you're

70

00:03:44,710 --> 00:03:42,879

ready to perform your duties so if you

71

00:03:49,190 --> 00:03:44,720

train and prepare well enough then no

72

00:03:53,910 --> 00:03:51,430

stephanie wilson a question for you you

73

00:03:56,630 --> 00:03:53,920

were working the robotic arm while clay

74

00:03:58,309 --> 00:03:56,640

was maneuvering that huge tank uh tell

75

00:04:04,949 --> 00:03:58,319

us a little bit about how all that

76

00:04:09,110 --> 00:04:07,190

right we

77

00:04:09,910 --> 00:04:09,120

actually wait until

78

00:04:15,509 --> 00:04:09,920

the

79

00:04:17,430 --> 00:04:15,519

ready where

80

00:04:19,430 --> 00:04:17,440

the arm is in mode and ready for us to

81

00:04:21,670 --> 00:04:19,440

maneuver into what we call grapple or

82

00:04:23,830 --> 00:04:21,680

attach to the tank they hold it as

83

00:04:25,990 --> 00:04:23,840

steady as they can and clay did a fine

84

00:04:26,950 --> 00:04:26,000

job holding it up and holding it steady

85

00:04:28,710 --> 00:04:26,960

and then

86

00:04:31,590 --> 00:04:28,720

jim and i tried to maneuver in as

87

00:04:33,830 --> 00:04:31,600

quickly and accurately as we could

88

00:04:36,150 --> 00:04:33,840

to come over the grapple fixture or the

89

00:04:38,710 --> 00:04:36,160

pin which is the interface between the

90

00:04:39,990 --> 00:04:38,720

tank and the robotic arm so there's a

91

00:04:41,749 --> 00:04:40,000

lot of choreography a lot of

92

00:04:43,590 --> 00:04:41,759

communications so that they know that

93

00:04:45,749 --> 00:04:43,600

the arm is ready so that as the arm

94

00:04:49,990 --> 00:04:45,759

operators we know that they're ready and

95

00:04:59,350 --> 00:04:53,030

clay how awkward was it maneuvering that

96

00:05:03,029 --> 00:05:00,870

actually it was quite easy it weighs

97

00:05:05,110 --> 00:05:03,039

about 1800 pounds and

98

00:05:06,870 --> 00:05:05,120

it didn't take a whole lot of force to

99

00:05:08,710 --> 00:05:06,880

yaw it around so that stephanie could

100

00:05:11,830 --> 00:05:08,720

see the grapple pin that she wanted to

101
00:05:13,830 --> 00:05:11,840
grab it with with the robotic arm the

102
00:05:15,189 --> 00:05:13,840
only worry i had was that

103
00:05:16,790 --> 00:05:15,199
for a second there i was kind of

104
00:05:18,710 --> 00:05:16,800
thinking about trying to jettison it

105
00:05:19,990 --> 00:05:18,720
like i did on the last flight i was on

106
00:05:24,469 --> 00:05:20,000
but fortunately

107
00:05:29,110 --> 00:05:26,310
uh clay we probably have time for maybe

108
00:05:31,270 --> 00:05:29,120
one more question uh you'll be leaving

109
00:05:33,029 --> 00:05:31,280
this space station then in all

110
00:05:35,189 --> 00:05:33,039
likelihood with the end of the shuttle

111
00:05:37,270 --> 00:05:35,199
mission this will be your last visit

112
00:05:39,189 --> 00:05:37,280
after uh this being your second visit

113
00:05:40,790 --> 00:05:39,199

i'm wondering if leaving will will be a

114

00:05:45,670 --> 00:05:40,800

little bittersweet at the conclusion of

115

00:05:49,830 --> 00:05:47,430

well i'm not sure what the future holds

116

00:05:52,070 --> 00:05:49,840

but anytime you come to a place as

117

00:05:53,909 --> 00:05:52,080

magnificent of this as this it's going

118

00:05:55,909 --> 00:05:53,919

to be bittersweet when you leave no

119

00:05:57,350 --> 00:05:55,919

matter whether you think or you might

120

00:05:58,710 --> 00:05:57,360

come back or whether you even know

121

00:06:01,189 --> 00:05:58,720

you're going to come back i think it's

122

00:06:03,749 --> 00:06:01,199

always bittersweet this is a magnificent

123

00:06:06,230 --> 00:06:03,759

complex built by some of the finest

124

00:06:09,590 --> 00:06:06,240

engineers around the world it's a great

125

00:06:11,590 --> 00:06:09,600

example of human fortitude and ingenuity

126

00:06:16,309 --> 00:06:11,600

and intelligence so we should all be

127

00:06:20,629 --> 00:06:18,469

and one last question rick while you're

128

00:06:22,710 --> 00:06:20,639

out on the space walk with all that you

129

00:06:28,390 --> 00:06:22,720

have to do do you finally get a chance

130

00:06:31,830 --> 00:06:30,230

oh yeah we stay very busy on the space

131

00:06:33,670 --> 00:06:31,840

walks they last about six and a half

132

00:06:34,950 --> 00:06:33,680

hours but there's always a few moments

133

00:06:36,870 --> 00:06:34,960

to look at the earth and look at the

134

00:06:38,710 --> 00:06:36,880

sunrise or the sunset and look at the

135

00:06:40,390 --> 00:06:38,720

beautiful earth below us you have to

136

00:06:41,909 --> 00:06:40,400

take a few moments every once in a while

137

00:06:43,670 --> 00:06:41,919

to do that on a spacewalk or you're just

138

00:06:46,950 --> 00:06:43,680

cheating yourself so yeah we do take

139

00:06:49,589 --> 00:06:48,550

great thank you very much all three of

140

00:06:54,070 --> 00:06:49,599

you good luck with the rest of the

141

00:06:58,710 --> 00:06:56,870

discovery iss this is houston acr thank

142

00:07:00,710 --> 00:06:58,720

you very much

143

00:07:02,790 --> 00:07:00,720

that concludes the nebraska public radio

144

00:07:07,110 --> 00:07:02,800

portion of the event please stand by for

145

00:07:13,270 --> 00:07:10,870

good morning discovery at iss it's cbs

146

00:07:17,909 --> 00:07:13,280

news and cbs news radio how do you hear

147

00:07:23,110 --> 00:07:20,790

cbs news and cbs news radio we just

148

00:07:24,710 --> 00:07:23,120

discovery iss has you loud and clear

149

00:07:26,629 --> 00:07:24,720

good morning stephanie wilson rick

150

00:07:28,710 --> 00:07:26,639

mastracchio and clay anderson this is

151

00:07:30,230 --> 00:07:28,720

peter king in florida bill harwood will

152

00:07:31,909 --> 00:07:30,240

be joining us for the johnson space

153

00:07:33,990 --> 00:07:31,919

center in just a couple moments and

154

00:07:36,550 --> 00:07:34,000

let's start with rick and clay because

155

00:07:37,990 --> 00:07:36,560

you had a great first eva yesterday

156

00:07:39,749 --> 00:07:38,000

tomorrow morning you head out for the

157

00:07:41,990 --> 00:07:39,759

second of three i'm just wondering

158

00:07:47,029 --> 00:07:42,000

what's the biggest challenge you face on

159

00:07:51,270 --> 00:07:49,189

yeah tomorrow's eva we will be

160

00:07:53,430 --> 00:07:51,280

installing the new ammonia tank and

161

00:07:55,029 --> 00:07:53,440

removing the old ammonia tank the

162

00:07:56,830 --> 00:07:55,039

biggest challenge is just the

163

00:07:59,270 --> 00:07:56,840

integration of all the robotics and the

164

00:08:00,710 --> 00:07:59,280

eva a couple of times during tomorrow's

165

00:08:03,110 --> 00:08:00,720

eva we're going to have to lift up this

166

00:08:05,110 --> 00:08:03,120

1800 pound ammonia tank and while the

167

00:08:07,189 --> 00:08:05,120

robotic arm folks stephanie and jim

168

00:08:08,790 --> 00:08:07,199

dutton come in and grapple it so it's

169

00:08:12,309 --> 00:08:08,800

going to require a lot of teamwork to

170

00:08:14,950 --> 00:08:12,319

get that to work out smoothly

171

00:08:16,710 --> 00:08:14,960

for the eva and also for the late heat

172

00:08:18,070 --> 00:08:16,720

shield inspection which is now going to

173

00:08:20,230 --> 00:08:18,080

be uh

174

00:08:22,150 --> 00:08:20,240

while you're attached to station what

175

00:08:24,070 --> 00:08:22,160

are the special challenges there are

176

00:08:25,909 --> 00:08:24,080

there uh a lot of clearances that you

177

00:08:31,990 --> 00:08:25,919

have to look after

178

00:08:37,430 --> 00:08:34,790

yes always with the robotics operations

179

00:08:39,589 --> 00:08:37,440

clearances are a concern luckily during

180

00:08:42,389 --> 00:08:39,599

eva we have clay and rick to help us

181

00:08:44,710 --> 00:08:42,399

clear things so when the tank gets close

182

00:08:45,910 --> 00:08:44,720

to structure we're using their eyes for

183

00:08:47,590 --> 00:08:45,920

clearances

184

00:08:49,509 --> 00:08:47,600

we wish we could have them outside also

185

00:08:51,350 --> 00:08:49,519

when we do this docked inspection it is

186

00:08:52,710 --> 00:08:51,360

true that while we're docked the

187

00:08:54,790 --> 00:08:52,720

clearances of the arm and the boom

188

00:08:58,230 --> 00:08:54,800

destructure will be very tight and we

189

00:09:00,150 --> 00:08:58,240

don't always have cameras to

190

00:09:02,470 --> 00:09:00,160

get as good of a view as we would like

191

00:09:04,070 --> 00:09:02,480

to the station structure but we'll do

192

00:09:06,150 --> 00:09:04,080

our best we've got folks working on the

193

00:09:08,710 --> 00:09:06,160

ground actually as we speak reviewing

194

00:09:12,389 --> 00:09:08,720

procedures and getting all of that ready

195

00:09:13,750 --> 00:09:12,399

for us so we expect it to go very well

196

00:09:15,430 --> 00:09:13,760

hey guys it's bill harwood at the

197

00:09:17,030 --> 00:09:15,440

johnson space center

198

00:09:18,949 --> 00:09:17,040

as you know president obama is going to

199

00:09:21,350 --> 00:09:18,959

visit ksc next week to discuss the

200

00:09:23,269 --> 00:09:21,360

administration's new space policy and i

201
00:09:25,670 --> 00:09:23,279
realize it's probably career limiting

202
00:09:27,670 --> 00:09:25,680
for astronauts to talk politics but

203
00:09:29,110 --> 00:09:27,680
given the the major nature of this

204
00:09:30,870 --> 00:09:29,120
change i mean some people think it's the

205
00:09:32,870 --> 00:09:30,880
in-demand space flight some people think

206
00:09:34,470 --> 00:09:32,880
it's a bold step forward

207
00:09:36,630 --> 00:09:34,480
clay can you share the cliff notes

208
00:09:42,550 --> 00:09:36,640
version of perhaps what you think about

209
00:09:46,949 --> 00:09:45,430
you know life is full of changes and

210
00:09:48,870 --> 00:09:46,959
change is hard

211
00:09:51,190 --> 00:09:48,880
we know that from many different aspects

212
00:09:52,630 --> 00:09:51,200
of all our lives you know new parents

213
00:09:54,630 --> 00:09:52,640

find that change is a little tough in

214

00:09:55,590 --> 00:09:54,640

the beginning but eventually they figure

215

00:09:57,430 --> 00:09:55,600

it out

216

00:09:59,990 --> 00:09:57,440

and that's what we'll do with nasa and

217

00:10:01,590 --> 00:10:00,000

the space program i have no idea

218

00:10:03,350 --> 00:10:01,600

what real changes are coming you know

219

00:10:05,190 --> 00:10:03,360

there are the

220

00:10:06,710 --> 00:10:05,200

one side of one view and then there's

221

00:10:08,389 --> 00:10:06,720

the other side and we'll just have to

222

00:10:09,829 --> 00:10:08,399

see how it all falls out a lot of people

223

00:10:12,069 --> 00:10:09,839

get paid a lot of money to figure out

224

00:10:14,790 --> 00:10:12,079

this stuff and my job is to go out and

225

00:10:16,829 --> 00:10:14,800

perform as an astronaut and do spacewalk

226

00:10:19,509 --> 00:10:16,839

duties so we'll just have to see what

227

00:10:20,790 --> 00:10:19,519

happens well let me ask you an operator

228

00:10:22,150 --> 00:10:20,800

question in that case i mean you're

229

00:10:24,230 --> 00:10:22,160

obviously a shuttle veteran and you've

230

00:10:25,750 --> 00:10:24,240

lived on the space station

231

00:10:27,190 --> 00:10:25,760

no matter what happens it looks like the

232

00:10:29,190 --> 00:10:27,200

station's going to be the only game in

233

00:10:31,269 --> 00:10:29,200

town for quite a while in the manned

234

00:10:33,670 --> 00:10:31,279

space flight world how confident are you

235

00:10:36,150 --> 00:10:33,680

that nasa and the partners can sustain

236

00:10:42,069 --> 00:10:36,160

the lab complex keep it going without

237

00:10:45,110 --> 00:10:43,350

well you know the shuttle was a big

238

00:10:47,030 --> 00:10:45,120

workhorse but we have a lot of new

239

00:10:48,630 --> 00:10:47,040

players on the block the

240

00:10:50,870 --> 00:10:48,640

automated transfer vehicle from the

241

00:10:52,949 --> 00:10:50,880

european space agency the h2 transfer

242

00:10:54,710 --> 00:10:52,959

vehicle from the japanese

243

00:10:57,990 --> 00:10:54,720

the progress from the russians you know

244

00:11:00,069 --> 00:10:58,000

they're in the soyuz we have a lot of

245

00:11:02,870 --> 00:11:00,079

very talented countries participating in

246

00:11:04,710 --> 00:11:02,880

this endeavor and right now i don't have

247

00:11:06,470 --> 00:11:04,720

any reason to believe that we can't

248

00:11:07,990 --> 00:11:06,480

continue to do exactly what we've been

249

00:11:10,949 --> 00:11:08,000

doing all along

250

00:11:12,710 --> 00:11:10,959

it just remains to be seen in the future

251
00:11:14,949 --> 00:11:12,720
but i think that i have a high

252
00:11:16,550 --> 00:11:14,959
confidence in all these international

253
00:11:18,069 --> 00:11:16,560
partners being able to sustain the

254
00:11:19,590 --> 00:11:18,079
station and do some really excellent

255
00:11:21,670 --> 00:11:19,600
work

256
00:11:23,910 --> 00:11:21,680
and this is peter back in florida for

257
00:11:25,509 --> 00:11:23,920
rick a lot of people here are wondering

258
00:11:27,190 --> 00:11:25,519
what the president will say when he

259
00:11:29,190 --> 00:11:27,200
comes to the cape

260
00:11:35,190 --> 00:11:29,200
this coming week what do you hope to

261
00:11:39,829 --> 00:11:37,190
well i hope to hear that in the future

262
00:11:41,829 --> 00:11:39,839
nasa will be a big part of and have a

263
00:11:44,069 --> 00:11:41,839

large part in the human space flight

264

00:11:46,389 --> 00:11:44,079

obviously nasa is meant to be a leader

265

00:11:48,310 --> 00:11:46,399

of the country and a leader of the world

266

00:11:49,990 --> 00:11:48,320

in technology and innovation and that's

267

00:11:51,509 --> 00:11:50,000

what it's been for many many years and i

268

00:11:53,350 --> 00:11:51,519

hope that nasa will continue to be that

269

00:11:54,870 --> 00:11:53,360

way and i have no doubt that it will be

270

00:11:55,910 --> 00:11:54,880

no matter which direction we take i

271

00:11:58,150 --> 00:11:55,920

think nasa is going to be a big

272

00:12:01,110 --> 00:11:58,160

contributor to technologies and new

273

00:12:02,949 --> 00:12:01,120

ideas and manned space flight

274

00:12:04,710 --> 00:12:02,959

this question is for any and all of you

275

00:12:06,389 --> 00:12:04,720

you had a smoke alarm that got everybody

276

00:12:08,870 --> 00:12:06,399

scrambling early this morning we know

277

00:12:10,550 --> 00:12:08,880

that turned out to be okay but 40 years

278

00:12:13,110 --> 00:12:10,560

ago this coming week a very real

279

00:12:14,629 --> 00:12:13,120

emergency took place on apollo 13. i'm

280

00:12:16,230 --> 00:12:14,639

just wondering your thoughts on that i

281

00:12:19,269 --> 00:12:16,240

think you're all old enough to remember

282

00:12:20,949 --> 00:12:19,279

it pretty well and uh what the apollo 13

283

00:12:28,310 --> 00:12:20,959

experience has meant to the program in

284

00:12:33,030 --> 00:12:30,310

you know it's an excellent question and

285

00:12:35,750 --> 00:12:33,040

it really is a testament to teamwork

286

00:12:37,110 --> 00:12:35,760

flight crews the mission control centers

287

00:12:38,389 --> 00:12:37,120

folks that train us and work on

288

00:12:40,389 --> 00:12:38,399

procedures

289

00:12:42,470 --> 00:12:40,399

folks that get our vehicles ready

290

00:12:44,389 --> 00:12:42,480

and really know the ins and outs of the

291

00:12:46,710 --> 00:12:44,399

vehicles really all have to come

292

00:12:48,870 --> 00:12:46,720

together in an emergency but from every

293

00:12:50,550 --> 00:12:48,880

emergency we learn something new we

294

00:12:53,269 --> 00:12:50,560

update our procedures we update our

295

00:12:55,350 --> 00:12:53,279

response times and it really is an

296

00:12:57,190 --> 00:12:55,360

opportunity to

297

00:13:00,389 --> 00:12:57,200

get to be more familiar with things but

298

00:13:02,550 --> 00:13:00,399

also to come together and work work

299

00:13:04,389 --> 00:13:02,560

better together as a team

300

00:13:08,310 --> 00:13:04,399

and for clay and rick one one quick

301
00:13:11,269 --> 00:13:08,320
question and you have just one day off

302
00:13:13,350 --> 00:13:11,279
between your evas we know how hard it is

303
00:13:15,910 --> 00:13:13,360
physically i'm just wondering is one

304
00:13:22,069 --> 00:13:15,920
day's rest really enough to recoup your

305
00:13:25,590 --> 00:13:23,829
yeah i think so uh you know i played a

306
00:13:27,350 --> 00:13:25,600
lot of sports in my life and uh there

307
00:13:28,790 --> 00:13:27,360
were a lot of days we had double headers

308
00:13:30,870 --> 00:13:28,800
and a lot of days we played uh

309
00:13:33,350 --> 00:13:30,880
basketball games and back-to-back days

310
00:13:35,750 --> 00:13:33,360
and i think we're very well prepared

311
00:13:37,350 --> 00:13:35,760
we're in pretty good shape for old men

312
00:13:38,230 --> 00:13:37,360
and i think we'll be ready to rock and

313
00:13:39,829 --> 00:13:38,240

roll

314

00:13:41,509 --> 00:13:39,839

all right well thank you so much for

315

00:13:43,030 --> 00:13:41,519

spending time with us this morning have

316

00:13:44,230 --> 00:13:43,040

a safe rest of your flight we'll look

317

00:13:49,910 --> 00:13:44,240

forward to seeing you back here in

318

00:13:54,230 --> 00:13:51,430

thank you

319

00:13:56,389 --> 00:13:54,240

discovery iss this is houston acr that

320

00:13:58,470 --> 00:13:56,399

concludes the cbs news path portion of

321

00:14:00,470 --> 00:13:58,480

the event please stand by for a voice

322

00:14:02,150 --> 00:14:00,480

check from ketv

323

00:14:03,910 --> 00:14:02,160

please i'll have a look at our weekend

324

00:14:06,550 --> 00:14:03,920

forecast coming up in just a couple

325

00:14:10,949 --> 00:14:06,560

minutes webcam

326

00:14:16,710 --> 00:14:14,389

and rule thunders up ketv newswatch 7

327

00:14:20,870 --> 00:14:16,720

first news saturday more complete

328

00:14:23,750 --> 00:14:20,880

coverage standby preset melissa fry and

329

00:14:26,629 --> 00:14:23,760

meteorologist mark kramer this is your

330

00:14:28,829 --> 00:14:26,639

favorite choice for a local news ketv

331

00:14:33,430 --> 00:14:28,839

newswatch seven with a tight shot of

332

00:14:37,590 --> 00:14:35,829

adrian's mike water leaves behind cost

333

00:14:39,509 --> 00:14:37,600

you time and the money spent on cleaning

334

00:14:41,750 --> 00:14:39,519

products you can stop the spots with a

335

00:14:44,389 --> 00:14:41,760

pelican water soft note for only 9.95

336

00:14:46,949 --> 00:14:44,399

for the first three months

337

00:14:49,590 --> 00:14:46,959

you see it everywhere nowadays

338

00:14:51,430 --> 00:14:49,600

like a secret handshake

339

00:14:53,590 --> 00:14:51,440

with a new high five

340

00:14:55,750 --> 00:14:53,600

to a grower it's a way of saying you

341

00:14:57,350 --> 00:14:55,760

made a good decision because when you

342

00:14:58,389 --> 00:14:57,360

treat your fields with stratego

343

00:15:00,550 --> 00:14:58,399

fungicide

344

00:15:02,310 --> 00:15:00,560

you get a healthier field and higher

345

00:15:04,069 --> 00:15:02,320

yield potential

346

00:15:06,150 --> 00:15:04,079

that's why stratego is the official

347

00:15:08,310 --> 00:15:06,160

fungicide to what we call

348

00:15:10,310 --> 00:15:08,320

the yield bump

349

00:15:13,350 --> 00:15:10,320

so if they're in program there's no hair

350

00:15:15,110 --> 00:15:13,360

hymn when we go to it higher yields

351
00:15:17,590 --> 00:15:15,120
when i was five months old i underwent

352
00:15:19,829 --> 00:15:17,600
my first open heart surgery and until i

353
00:15:21,030 --> 00:15:19,839
received my heart transplant all i knew

354
00:15:23,670 --> 00:15:21,040
was sickness

355
00:15:25,430 --> 00:15:23,680
then when i was 14 the call came that a

356
00:15:27,269 --> 00:15:25,440
heart was available for me and i was

357
00:15:29,030 --> 00:15:27,279
going to have a second chance at life

358
00:15:30,949 --> 00:15:29,040
because the grieving family had the

359
00:15:32,550 --> 00:15:30,959
strength to say yes i have no idea

360
00:15:34,550 --> 00:15:32,560
they're on the phone i graduated from

361
00:15:37,990 --> 00:15:34,560
high school i even competed on the swim

362
00:15:40,110 --> 00:15:38,000
team i'm alive because someone said yes

363
00:15:43,509 --> 00:15:40,120

to register your decision go to

364

00:15:45,350 --> 00:15:43,519

nedonation.org or call 733 1800. the

365

00:15:47,189 --> 00:15:45,360

super doppler storm team is committed to

366

00:15:49,110 --> 00:15:47,199

providing more complete severe weather

367

00:15:50,310 --> 00:15:49,120

coverage once again we've partnered with

368

00:15:52,230 --> 00:15:50,320

midlands

369

00:15:53,910 --> 00:15:52,240

live weather alert radios for you to

370

00:15:55,910 --> 00:15:53,920

purchase along with the super doppler

371

00:15:58,230 --> 00:15:55,920

storm team these radios provide

372

00:16:00,150 --> 00:15:58,240

important life-saving information during

373

00:16:02,069 --> 00:16:00,160

severe weather when you hear a weather

374

00:16:04,870 --> 00:16:02,079

alert turn to the super doppler storm

375

00:16:06,629 --> 00:16:04,880

team on air or online for more complete

376

00:16:08,949 --> 00:16:06,639

how much time is left in this break bill

377

00:16:15,110 --> 00:16:08,959

and informed during severe weather

378

00:16:19,030 --> 00:16:17,269

yeah we'll come out on five up full to

379

00:16:31,670 --> 00:16:19,040

under send the camera one tight shot

380

00:16:36,629 --> 00:16:33,910

well about 20 seconds out 30 out 30

381

00:16:38,790 --> 00:16:36,639

hours

382

00:16:43,749 --> 00:16:38,800

discovery iss this is houston acr about

383

00:16:46,629 --> 00:16:45,350

it's time for spring he's not going to

384

00:16:48,389 --> 00:16:46,639

do no money get up in the better

385

00:16:50,710 --> 00:16:48,399

business bureau want to make sure you're

386

00:16:52,310 --> 00:16:50,720

smart about it box up your old bank

387

00:16:53,749 --> 00:16:52,320

statements and other personal documents

388

00:16:55,910 --> 00:16:53,759

and bring you into the shredit you don't

389

00:16:58,150 --> 00:16:55,920

need to give no mic check you just be

390

00:16:59,990 --> 00:16:58,160

smart about standby on five up fold

391

00:17:01,990 --> 00:17:00,000

under the personal touch on your weather

392

00:17:04,150 --> 00:17:02,000

forecast super doppler weather page on

393

00:17:05,909 --> 00:17:04,160

ketv.com

394

00:17:06,710 --> 00:17:05,919

five

395

00:17:07,590 --> 00:17:06,720

three

396

00:17:08,789 --> 00:17:07,600

two

397

00:17:11,189 --> 00:17:08,799

one

398

00:17:13,429 --> 00:17:11,199

zero booster ignition

399

00:17:15,429 --> 00:17:13,439

and liftoff of discovery

400

00:17:17,350 --> 00:17:15,439

blazing a trail to scientific

401
00:17:21,029 --> 00:17:17,360
discoveries of port space station

402
00:17:27,189 --> 00:17:21,039
adrian's mike discovery iss standby tv

403
00:17:33,830 --> 00:17:30,549
this is uh discovery and iss we hear you

404
00:17:36,230 --> 00:17:33,840
loud and clear

405
00:17:38,390 --> 00:17:36,240
very very good thank you so much for

406
00:17:39,990 --> 00:17:38,400
joining us here this morning early

407
00:17:41,909 --> 00:17:40,000
monday morning nebraskans and the rest

408
00:17:44,230 --> 00:17:41,919
of the nation watches you guys took off

409
00:17:46,470 --> 00:17:44,240
big delay discovery lifted off from cape

410
00:17:48,070 --> 00:17:46,480
canaveral on board experiencing the

411
00:17:50,870 --> 00:17:48,080
second trip out of this world nebraska's

412
00:17:52,310 --> 00:17:50,880
very own clayton anderson also on board

413
00:17:54,710 --> 00:17:52,320

and joining us this morning rick

414

00:17:57,029 --> 00:17:54,720

mastracchio if i got that right and

415

00:17:58,630 --> 00:17:57,039

stephanie wilson good morning and just

416

00:18:00,230 --> 00:17:58,640

first off we should mention to our

417

00:18:02,150 --> 00:18:00,240

viewers there might be a slight delay

418

00:18:08,310 --> 00:18:02,160

and i guess this question for all of you

419

00:18:13,190 --> 00:18:10,870

the mission's going very well we're

420

00:18:15,029 --> 00:18:13,200

in the middle of uh transferring all the

421

00:18:17,190 --> 00:18:15,039

cargo that we brought up rick and i

422

00:18:19,669 --> 00:18:17,200

completed the first spacewalk yesterday

423

00:18:21,270 --> 00:18:19,679

the station crew is working hard as

424

00:18:25,110 --> 00:18:21,280

usual and everything's going very very

425

00:18:28,630 --> 00:18:26,710

and can you tell us a little bit about

426
00:18:30,230 --> 00:18:28,640
what that uh what that space walk was

427
00:18:31,990 --> 00:18:30,240
all about what you guys were doing out

428
00:18:37,350 --> 00:18:32,000
there and and what parts of the space

429
00:18:41,350 --> 00:18:39,830
well clay and i have three space walks

430
00:18:43,830 --> 00:18:41,360
planned we've completed one of them

431
00:18:46,310 --> 00:18:43,840
yesterday and the biggest task is to

432
00:18:47,909 --> 00:18:46,320
replace a large ammonia tank that's on

433
00:18:49,350 --> 00:18:47,919
board the space station right now we

434
00:18:51,430 --> 00:18:49,360
brought up a new one in the space

435
00:18:53,029 --> 00:18:51,440
shuttle yesterday we took that new one

436
00:18:55,430 --> 00:18:53,039
and we transferred over to the space

437
00:18:57,110 --> 00:18:55,440
station tomorrow we'll swap out the old

438
00:18:59,029 --> 00:18:57,120

and the new tank and then on our last

439

00:19:00,630 --> 00:18:59,039

spacewalk a couple days from now we'll

440

00:19:05,270 --> 00:19:00,640

remove the old tank and put it back in

441

00:19:09,510 --> 00:19:07,350

and and for everyone you know down here

442

00:19:11,430 --> 00:19:09,520

we can't possibly imagine this but tell

443

00:19:12,950 --> 00:19:11,440

us what it's like to be outside of that

444

00:19:18,390 --> 00:19:12,960

space station just floating around in

445

00:19:22,710 --> 00:19:20,150

it's an incredible feeling it's an

446

00:19:24,390 --> 00:19:22,720

experience that i will never forget and

447

00:19:25,909 --> 00:19:24,400

i'm sure every other space walker will

448

00:19:27,909 --> 00:19:25,919

tell you the same thing

449

00:19:29,270 --> 00:19:27,919

the views of the earth are spectacular

450

00:19:30,950 --> 00:19:29,280

you have to tell yourself to stop

451
00:19:32,470 --> 00:19:30,960
working for a bit to take a look down at

452
00:19:34,390 --> 00:19:32,480
the ground we actually did that

453
00:19:36,630 --> 00:19:34,400
yesterday as we flew over

454
00:19:38,630 --> 00:19:36,640
the united arab emirates and saw some of

455
00:19:40,390 --> 00:19:38,640
those huge resorts that they've built

456
00:19:41,350 --> 00:19:40,400
out in the uh

457
00:19:44,150 --> 00:19:41,360
gulf of

458
00:19:45,510 --> 00:19:44,160
aden i believe so it was just incredible

459
00:19:47,350 --> 00:19:45,520
it's a great experience it's a lot of

460
00:19:50,150 --> 00:19:47,360
hard work but it's also very very

461
00:19:54,150 --> 00:19:52,390
i i can imagine and you know stephanie

462
00:19:56,390 --> 00:19:54,160
nasa set a record with the most number

463
00:19:57,750 --> 00:19:56,400

of women in space with space with this

464

00:19:59,270 --> 00:19:57,760

mission what's it like to be part of

465

00:20:00,710 --> 00:19:59,280

that record and do you have any advice

466

00:20:06,230 --> 00:20:00,720

to young girls who are looking at maybe

467

00:20:10,789 --> 00:20:09,110

well it's certainly an honor to uh

468

00:20:12,710 --> 00:20:10,799

so to speak be part of a record for the

469

00:20:13,990 --> 00:20:12,720

number of women in space and it's been a

470

00:20:15,669 --> 00:20:14,000

pleasure to

471

00:20:18,630 --> 00:20:15,679

work both with dottie metcalf

472

00:20:20,630 --> 00:20:18,640

lindenberger noko yamazaki and

473

00:20:22,149 --> 00:20:20,640

also to join tracy caldwell as she's a

474

00:20:24,789 --> 00:20:22,159

part of the expedition crew on the space

475

00:20:27,270 --> 00:20:24,799

station and we're all very fortunate

476

00:20:29,990 --> 00:20:27,280

that many of the women in the astronaut

477

00:20:32,070 --> 00:20:30,000

program have many have come before us

478

00:20:33,909 --> 00:20:32,080

and paved the way and were able to learn

479

00:20:36,470 --> 00:20:33,919

from their mentorship and from the

480

00:20:38,630 --> 00:20:36,480

example that they set and for uh young

481

00:20:41,510 --> 00:20:38,640

women out there young young girls i

482

00:20:43,990 --> 00:20:41,520

would recommend that they work hard

483

00:20:44,789 --> 00:20:44,000

study as hard as they can and have faith

484

00:20:47,110 --> 00:20:44,799

in their

485

00:20:48,630 --> 00:20:47,120

capabilities and

486

00:20:51,190 --> 00:20:48,640

understand that the sky is the limit

487

00:20:52,549 --> 00:20:51,200

they can really study anything that they

488

00:20:55,350 --> 00:20:52,559

are interested in or that their hearts

489

00:20:59,350 --> 00:20:57,270

very very nice and

490

00:21:01,510 --> 00:20:59,360

again thank you so much for joining us

491

00:21:03,909 --> 00:21:01,520

here this morning and have a very safe

492

00:21:05,029 --> 00:21:03,919

trip back home thanks guys

493

00:21:08,789 --> 00:21:05,039

webcam

494

00:21:14,470 --> 00:21:11,909

thanks a lot we appreciate your time