



1  
00:00:05,030 --> 00:00:02,389  
discovery this houston are you ready for

2  
00:00:09,030 --> 00:00:06,630  
coverage

3  
00:00:12,150 --> 00:00:09,040  
abc news this is houston please call

4  
00:00:14,310 --> 00:00:12,160  
discovery for voice check

5  
00:00:18,230 --> 00:00:14,320  
discovery it's vic ratner from abc have

6  
00:00:25,109 --> 00:00:21,510  
discovery has you loud and clear how us

7  
00:00:26,870 --> 00:00:25,119  
loud and clear nice to see you all

8  
00:00:30,230 --> 00:00:26,880  
commander lindsay i just heard the call

9  
00:00:31,990 --> 00:00:30,240  
from mmt that you're clear for re-entry

10  
00:00:37,270 --> 00:00:32,000  
how sad does it make you that you can't

11  
00:00:41,190 --> 00:00:38,950  
you know i think it makes all of us sad

12  
00:00:42,549 --> 00:00:41,200  
we've we've had a fantastic mission

13  
00:00:44,150 --> 00:00:42,559

we've accomplished all of our mission

14

00:00:45,510 --> 00:00:44,160

objectives plus a whole bunch we never

15

00:00:47,910 --> 00:00:45,520

thought we would get

16

00:00:49,750 --> 00:00:47,920

been extended a couple of days and would

17

00:00:51,270 --> 00:00:49,760

love to be extended longer but

18

00:00:52,950 --> 00:00:51,280

unfortunately we're running out of

19

00:00:54,869 --> 00:00:52,960

supplies up here and it's time to come

20

00:00:56,869 --> 00:00:54,879

home but we're all sad that this is our

21

00:00:59,189 --> 00:00:56,879

last day in orbit and we're sad that

22

00:01:00,790 --> 00:00:59,199

this is the last day uh potentially for

23

00:01:03,029 --> 00:01:00,800

discovery unless we weather wave off or

24

00:01:04,630 --> 00:01:03,039

something like that

25

00:01:07,030 --> 00:01:04,640

for folks who've never had this

26  
00:01:08,870 --> 00:01:07,040  
experience could you stay up there for a

27  
00:01:11,109 --> 00:01:08,880  
couple of days more you've got enough

28  
00:01:15,510 --> 00:01:11,119  
food supplies things like that nasa

29  
00:01:21,030 --> 00:01:19,510  
well we have uh enough food for a uh you

30  
00:01:23,109 --> 00:01:21,040  
know probably

31  
00:01:24,630 --> 00:01:23,119  
several more days if we had to and we

32  
00:01:27,910 --> 00:01:24,640  
have water but

33  
00:01:29,350 --> 00:01:27,920  
in terms of our cryo which is our oxygen

34  
00:01:31,749 --> 00:01:29,360  
and hydrogen that we use to generate

35  
00:01:33,190 --> 00:01:31,759  
power and uh and provide air and things

36  
00:01:34,069 --> 00:01:33,200  
like that

37  
00:01:39,270 --> 00:01:34,079  
we

38  
00:01:41,109 --> 00:01:39,280

day plus uh two additional days to

39

00:01:43,109 --> 00:01:41,119

accomplish to deal with any weather

40

00:01:44,710 --> 00:01:43,119

issues we might have so we have plenty

41

00:01:48,149 --> 00:01:44,720

of plenty of margins to stay up here

42

00:01:51,429 --> 00:01:49,830

for commander lindsay and a couple of

43

00:01:53,990 --> 00:01:51,439

other crew members tell us something

44

00:01:56,550 --> 00:01:54,000

about discovery that we don't know what

45

00:01:58,389 --> 00:01:56,560

are the quirks of this particular ship

46

00:02:00,069 --> 00:01:58,399

where does it make noises in the middle

47

00:02:01,830 --> 00:02:00,079

of the night did you find anything

48

00:02:06,630 --> 00:02:01,840

tucked in the compartments you didn't

49

00:02:10,869 --> 00:02:08,070

well the one thing i will tell you about

50

00:02:13,750 --> 00:02:10,879

discovery is uh discovery's been flying

51  
00:02:14,710 --> 00:02:13,760  
since 1984 this is her 39th mission into

52  
00:02:18,070 --> 00:02:14,720  
space

53  
00:02:21,430 --> 00:02:18,080  
and uh we've been flying up here for uh

54  
00:02:24,630 --> 00:02:21,440  
12 13 days now and there is not a single

55  
00:02:26,949 --> 00:02:24,640  
thing wrong with her every single system

56  
00:02:29,110 --> 00:02:26,959  
and every piece of every system is

57  
00:02:30,710 --> 00:02:29,120  
working uh just like it was brand new

58  
00:02:32,070 --> 00:02:30,720  
and that's probably something people

59  
00:02:35,110 --> 00:02:32,080  
would be surprised to hear about a

60  
00:02:40,550 --> 00:02:35,120  
vehicle that's uh i guess over 25 years

61  
00:02:48,550 --> 00:02:42,229  
you know sometimes people who do

62  
00:02:52,150 --> 00:02:50,390  
sorry about that i think um i'll

63  
00:02:53,509 --> 00:02:52,160

continue along steve's line there and

64

00:02:55,270 --> 00:02:53,519

that um

65

00:02:56,470 --> 00:02:55,280

in addition to the systems operating

66

00:02:58,390 --> 00:02:56,480

beautifully

67

00:03:00,229 --> 00:02:58,400

you look around um whether you're on the

68

00:03:02,309 --> 00:03:00,239

flight deck or the mid deck or even out

69

00:03:04,309 --> 00:03:02,319

into the payload bay and on the outside

70

00:03:06,550 --> 00:03:04,319

of the vehicle and it and it really does

71

00:03:08,470 --> 00:03:06,560

look brand new you get that sense that

72

00:03:11,270 --> 00:03:08,480

you know that maybe we're the first uh

73

00:03:13,589 --> 00:03:11,280

ones to travel on her and um

74

00:03:18,309 --> 00:03:13,599

we've tried to treat her well and she

75

00:03:21,830 --> 00:03:20,149

and i think i was reading your mind

76  
00:03:24,309 --> 00:03:21,840  
there i was thinking about people who

77  
00:03:26,550 --> 00:03:24,319  
renovate and restore old vehicles and

78  
00:03:28,229 --> 00:03:26,560  
keep them in really pristine condition

79  
00:03:30,309 --> 00:03:28,239  
well that's discovery but she doesn't

80  
00:03:32,550 --> 00:03:30,319  
just look good in in order to fly into

81  
00:03:35,190 --> 00:03:32,560  
space and do the mission that discovery

82  
00:03:37,670 --> 00:03:35,200  
does she has to be really pristine and

83  
00:03:39,350 --> 00:03:37,680  
really perform well and everything i've

84  
00:03:41,190 --> 00:03:39,360  
seen on this my first shuttle flight is

85  
00:03:47,589 --> 00:03:41,200  
that discovery is just really at the top

86  
00:03:51,350 --> 00:03:49,190  
commander lindsey that raises the

87  
00:03:53,910 --> 00:03:51,360  
question there are air force tankers

88  
00:03:55,750 --> 00:03:53,920

that are flying that are older than the

89

00:03:57,910 --> 00:03:55,760

crew members who fly them

90

00:03:59,509 --> 00:03:57,920

if money and time were not factors how

91

00:04:05,750 --> 00:03:59,519

much longer do you think discovery could

92

00:04:09,190 --> 00:04:07,750

well that's a really good question and i

93

00:04:11,990 --> 00:04:09,200

don't know you know we'd have to go back

94

00:04:14,309 --> 00:04:12,000

and look at and see what we would

95

00:04:16,710 --> 00:04:14,319

need to keep these vehicles flying a lot

96

00:04:18,390 --> 00:04:16,720

longer i know uh you know prior to

97

00:04:21,349 --> 00:04:18,400

columbia we were talking about flying

98

00:04:22,390 --> 00:04:21,359

shuttles through 2020 to 2025.

99

00:04:24,629 --> 00:04:22,400

we'd probably have to go back and look

100

00:04:26,469 --> 00:04:24,639

at the systems recertify the systems

101  
00:04:29,189 --> 00:04:26,479  
make sure everything was okay probably

102  
00:04:30,950 --> 00:04:29,199  
do some work on them but it's really

103  
00:04:32,870 --> 00:04:30,960  
hard to say how long they could fly it

104  
00:04:34,310 --> 00:04:32,880  
all depends on how much work you want to

105  
00:04:35,909 --> 00:04:34,320  
do on them but i think we could fly them

106  
00:04:39,110 --> 00:04:35,919  
for a lot longer if

107  
00:04:41,510 --> 00:04:39,120  
as you said the resources and and

108  
00:04:43,030 --> 00:04:41,520  
and the uh and we we didn't want to go

109  
00:04:46,469 --> 00:04:43,040  
in a different direction

110  
00:04:49,590 --> 00:04:48,150  
anything that you would have liked to

111  
00:04:57,909 --> 00:04:49,600  
have done on this mission that you

112  
00:05:02,310 --> 00:05:00,150  
i think probably the one thing that i

113  
00:05:04,950 --> 00:05:02,320

think everybody that comes off of every

114

00:05:06,950 --> 00:05:04,960

flight is you can't get enough window

115

00:05:08,310 --> 00:05:06,960

time you can't get enough time looking

116

00:05:10,230 --> 00:05:08,320

at the earth it doesn't matter how many

117

00:05:11,670 --> 00:05:10,240

times you've gone around the earth and i

118

00:05:14,070 --> 00:05:11,680

have some veterans here with me that

119

00:05:15,510 --> 00:05:14,080

have spent three to six months on orbit

120

00:05:17,029 --> 00:05:15,520

you never get tired of looking at the

121

00:05:19,270 --> 00:05:17,039

earth and it seems like on these

122

00:05:22,230 --> 00:05:19,280

missions you're so busy you never get

123

00:05:24,469 --> 00:05:22,240

enough time enough passes to actually

124

00:05:25,990 --> 00:05:24,479

you know really get good looks all over

125

00:05:28,390 --> 00:05:26,000

the earth and so that's something i

126

00:05:33,430 --> 00:05:28,400

think we always come back wishing we had

127

00:05:37,029 --> 00:05:35,189

let me ask you a secret are you guys

128

00:05:38,469 --> 00:05:37,039

going to leave any secret messages

129

00:05:39,909 --> 00:05:38,479

tucked into compartments aboard

130

00:05:45,670 --> 00:05:39,919

discovery for the folks at the

131

00:05:49,990 --> 00:05:47,830

no we're not going to do that we want to

132

00:05:52,550 --> 00:05:50,000

we want to leave discovery

133

00:05:54,230 --> 00:05:52,560

exactly as she was so that when people

134

00:05:56,309 --> 00:05:54,240

have an opportunity

135

00:05:58,550 --> 00:05:56,319

to visit discovery someplace where every

136

00:06:05,590 --> 00:05:58,560

all the public can go see discovery we

137

00:06:10,710 --> 00:06:07,590

and what's it going to say on the plaque

138

00:06:18,790 --> 00:06:10,720

at smithsonian about discovery's

139

00:06:22,390 --> 00:06:20,150

i don't know what the i don't know what

140

00:06:23,990 --> 00:06:22,400

the plaque is going to say um but

141

00:06:26,469 --> 00:06:24,000

hopefully it will uh talk about

142

00:06:28,710 --> 00:06:26,479

discovery's legacy as a as a great ship

143

00:06:31,189 --> 00:06:28,720

of exploration as a as a great

144

00:06:33,909 --> 00:06:31,199

spacecraft as a class of spacecraft with

145

00:06:36,150 --> 00:06:33,919

capabilities of lifting people and loads

146

00:06:37,830 --> 00:06:36,160

and returning them from space

147

00:06:39,909 --> 00:06:37,840

unmatched by anything else that we've

148

00:06:41,350 --> 00:06:39,919

ever seen the versatility that's

149

00:06:43,749 --> 00:06:41,360

unmatched of anything else we've ever

150

00:06:46,230 --> 00:06:43,759

seen in space and probably

151  
00:06:47,749 --> 00:06:46,240  
unmatched for a long long long time time

152  
00:06:49,270 --> 00:06:47,759  
to come so hopefully it will say

153  
00:06:51,350 --> 00:06:49,280  
something about that

154  
00:06:54,710 --> 00:06:51,360  
uh but more importantly hopefully it

155  
00:06:57,270 --> 00:06:54,720  
will talk about not the cruz not us but

156  
00:06:59,589 --> 00:06:57,280  
talk about the uh the entire space

157  
00:07:02,469 --> 00:06:59,599  
shuttle team that spans across the

158  
00:07:04,230 --> 00:07:02,479  
country for these past 30 years that

159  
00:07:05,909 --> 00:07:04,240  
have allowed this to happen you see us

160  
00:07:07,749 --> 00:07:05,919  
in space we're visible

161  
00:07:10,230 --> 00:07:07,759  
but it takes a team of thousands and

162  
00:07:12,550 --> 00:07:10,240  
thousands and thousands of people to uh

163  
00:07:14,390 --> 00:07:12,560

to keep this vehicle running to allow to

164

00:07:16,309 --> 00:07:14,400

execute the complex missions that we do

165

00:07:21,670 --> 00:07:16,319

within so hopefully the legacy will be

166

00:07:24,790 --> 00:07:23,029

last thoughts when you bring it in

167

00:07:30,550 --> 00:07:24,800

tomorrow

168

00:07:35,189 --> 00:07:33,430

i think as a crew um what we'll be

169

00:07:37,670 --> 00:07:35,199

thinking as we're coming in is we'll be

170

00:07:39,749 --> 00:07:37,680

pretty focused on uh doing in that and

171

00:07:41,270 --> 00:07:39,759

doing it right and so

172

00:07:44,230 --> 00:07:41,280

we're going to concentrate on our jobs

173

00:07:46,070 --> 00:07:44,240

like just like like we should make sure

174

00:07:48,230 --> 00:07:46,080

we don't miss any steps make sure we do

175

00:07:51,350 --> 00:07:48,240

everything exactly right and bring it in

176  
00:07:53,110 --> 00:07:51,360  
as safely and successfully as possible

177  
00:07:55,510 --> 00:07:53,120  
after we land that's that'll be the time

178  
00:07:57,270 --> 00:07:55,520  
which will reflect and i suspect

179  
00:07:59,270 --> 00:07:57,280  
sitting on the runway i'll be sitting in

180  
00:08:01,110 --> 00:07:59,280  
my seat when we do the last switch throw

181  
00:08:02,309 --> 00:08:01,120  
and it's time for me to get out and i

182  
00:08:06,790 --> 00:08:02,319  
don't think i'm going to want to leave

183  
00:08:09,909 --> 00:08:08,230  
well put

184  
00:08:14,629 --> 00:08:09,919  
safe return folks

185  
00:08:14,639 --> 00:08:17,430  
thank you

186  
00:08:21,430 --> 00:08:19,350  
discovery this is houston acr that

187  
00:08:22,309 --> 00:08:21,440  
concludes the abc news portion of the

188  
00:08:24,150 --> 00:08:22,319

event

189

00:08:26,950 --> 00:08:24,160

please stand by for a voice check from

190

00:08:30,869 --> 00:08:26,960

cbs news

191

00:08:34,630 --> 00:08:30,879

at the kennedy space center how do you

192

00:08:39,029 --> 00:08:37,430

discovery has you loud and clear how us

193

00:08:40,949 --> 00:08:39,039

sound great and good morning this is

194

00:08:42,709 --> 00:08:40,959

peter king along with bill harwood and

195

00:08:44,470 --> 00:08:42,719

we've got a whole slew of questions for

196

00:08:46,310 --> 00:08:44,480

you so we'll get right to it uh

197

00:08:47,910 --> 00:08:46,320

commander lindsay you've probably said

198

00:08:49,509 --> 00:08:47,920

we probably reported everything that can

199

00:08:51,829 --> 00:08:49,519

possibly be said about this being the

200

00:08:54,150 --> 00:08:51,839

last flight for discovery for somebody

201  
00:08:56,470 --> 00:08:54,160  
who flies these things for a living how

202  
00:08:58,550 --> 00:08:56,480  
hard is it to retire a spacecraft that

203  
00:09:04,949 --> 00:08:58,560  
seemingly has a lot of life left in her

204  
00:09:09,509 --> 00:09:06,630  
i guess

205  
00:09:11,190 --> 00:09:09,519  
it's it's very uh it's gonna be sad when

206  
00:09:14,230 --> 00:09:11,200  
it's over when we land tomorrow or the

207  
00:09:18,870 --> 00:09:16,310  
i guess i guess the hardest

208  
00:09:21,110 --> 00:09:18,880  
the hardest part of this for me is uh is

209  
00:09:23,269 --> 00:09:21,120  
giving up the capability because if you

210  
00:09:24,230 --> 00:09:23,279  
really look look at what this spacecraft

211  
00:09:26,310 --> 00:09:24,240  
does

212  
00:09:29,670 --> 00:09:26,320  
it can do everything except leave low

213  
00:09:31,829 --> 00:09:29,680

earth orbit uh it's a science laboratory

214

00:09:34,230 --> 00:09:31,839

we can talk with space stations we we

215

00:09:36,070 --> 00:09:34,240

helped build we did build build the us

216

00:09:38,230 --> 00:09:36,080

segment of the us

217

00:09:40,070 --> 00:09:38,240

os section of the international space

218

00:09:43,350 --> 00:09:40,080

station with these vehicles

219

00:09:45,030 --> 00:09:43,360

hailed cargo and people up and down

220

00:09:47,430 --> 00:09:45,040

with up mass and down mass that's

221

00:09:48,230 --> 00:09:47,440

unmatched anywhere

222

00:09:50,070 --> 00:09:48,240

we've

223

00:09:52,630 --> 00:09:50,080

deployed the hubble space telescope with

224

00:09:54,949 --> 00:09:52,640

this vehicle it starts out its life as a

225

00:09:57,430 --> 00:09:54,959

rocket becomes an orbiting laboratory or

226

00:09:59,670 --> 00:09:57,440

docking vehicles maneuverable spacecraft

227

00:10:01,670 --> 00:09:59,680

on orbit and lands like an airplane and

228

00:10:04,069 --> 00:10:01,680

that capability is unmatched anywhere

229

00:10:06,630 --> 00:10:04,079

and probably will be unmatched for many

230

00:10:09,350 --> 00:10:06,640

many many years to come and so giving up

231

00:10:11,190 --> 00:10:09,360

all of that capability and the amazing

232

00:10:12,949 --> 00:10:11,200

versatility this spacecraft is what's

233

00:10:15,190 --> 00:10:12,959

most difficult for me and probably for

234

00:10:17,509 --> 00:10:15,200

everybody that's working in the program

235

00:10:19,190 --> 00:10:17,519

and along those lines for nicole stott

236

00:10:21,509 --> 00:10:19,200

with so much uncertainty right now the

237

00:10:23,269 --> 00:10:21,519

future of u.s human space flight what

238

00:10:25,269 --> 00:10:23,279

are your concerns and what are the

239

00:10:31,190 --> 00:10:25,279

things that most excite you about what's

240

00:10:35,590 --> 00:10:33,509

well i think from the concern standpoint

241

00:10:37,990 --> 00:10:35,600

right now is just you know i think we're

242

00:10:40,630 --> 00:10:38,000

still in this phase of really defining

243

00:10:42,230 --> 00:10:40,640

what the next steps are going to be and

244

00:10:44,949 --> 00:10:42,240

you know i i look forward to seeing what

245

00:10:46,870 --> 00:10:44,959

that is i hold real hope that um we'll

246

00:10:49,030 --> 00:10:46,880

be challenging ourselves we'll be doing

247

00:10:51,430 --> 00:10:49,040

you know big things and uh

248

00:10:53,030 --> 00:10:51,440

uh going out of low earth orbit i i

249

00:10:54,389 --> 00:10:53,040

would love to see us go back to the moon

250

00:10:55,910 --> 00:10:54,399

i don't know if that's in the plans or

251  
00:10:58,230 --> 00:10:55,920  
not but um

252  
00:11:00,230 --> 00:10:58,240  
you know i i hope that that

253  
00:11:02,790 --> 00:11:00,240  
what will be happening is is is a

254  
00:11:05,350 --> 00:11:02,800  
challenge and will be um

255  
00:11:07,110 --> 00:11:05,360  
and will be taking us places you know as

256  
00:11:08,310 --> 00:11:07,120  
as much as what you know vehicles like

257  
00:11:10,150 --> 00:11:08,320  
discovery and the space shuttle have

258  
00:11:12,230 --> 00:11:10,160  
done for us and that will be you know

259  
00:11:13,750 --> 00:11:12,240  
learning all kinds of new things and i

260  
00:11:15,829 --> 00:11:13,760  
think that's what makes it exciting as

261  
00:11:18,150 --> 00:11:15,839  
well is that you know there's plenty of

262  
00:11:19,670 --> 00:11:18,160  
opportunities out there and you know

263  
00:11:22,790 --> 00:11:19,680

we're a great country that has done

264

00:11:24,949 --> 00:11:22,800

really really amazing things with um our

265

00:11:29,110 --> 00:11:24,959

space program and i really just hope

266

00:11:32,069 --> 00:11:30,710

bill harwood let me ask a couple if i

267

00:11:34,230 --> 00:11:32,079

can and i'm gonna keep with the

268

00:11:35,990 --> 00:11:34,240

discovery theme obviously i i think a

269

00:11:38,150 --> 00:11:36,000

lot of people you know your mission is

270

00:11:40,150 --> 00:11:38,160

the first really concrete sign that the

271

00:11:42,230 --> 00:11:40,160

the beginning of the end is finally here

272

00:11:43,509 --> 00:11:42,240

for this program and for mike barrett

273

00:11:46,069 --> 00:11:43,519

what do you say to the workforce and

274

00:11:47,829 --> 00:11:46,079

really to all americans on the eve of

275

00:11:53,190 --> 00:11:47,839

this this final landing for discovery

276

00:11:57,030 --> 00:11:54,629

well hey bill

277

00:11:58,790 --> 00:11:57,040

it's a it's a great question

278

00:12:00,550 --> 00:11:58,800

you know i i think about this space

279

00:12:02,629 --> 00:12:00,560

shuttle fleet like the clipper ships

280

00:12:04,470 --> 00:12:02,639

that were strong and fast and powerful

281

00:12:06,470 --> 00:12:04,480

they did their jobs but they were also

282

00:12:09,350 --> 00:12:06,480

graceful and beautiful and they conjured

283

00:12:11,269 --> 00:12:09,360

up imagination of foreign travel exotic

284

00:12:13,829 --> 00:12:11,279

places of exploration

285

00:12:15,509 --> 00:12:13,839

and discovery is just an elite member of

286

00:12:17,590 --> 00:12:15,519

this elite fleet

287

00:12:19,509 --> 00:12:17,600

and uh you know when the clippers faded

288

00:12:21,350 --> 00:12:19,519

it was because there was an alternative

289

00:12:23,990 --> 00:12:21,360

there was another ship

290

00:12:26,470 --> 00:12:24,000

that was coming in steam power that was

291

00:12:27,990 --> 00:12:26,480

stronger faster perhaps not quite as

292

00:12:30,150 --> 00:12:28,000

beautiful

293

00:12:32,710 --> 00:12:30,160

we don't have that yet we have the

294

00:12:34,470 --> 00:12:32,720

legacy of the clippers in in our shuttle

295

00:12:36,150 --> 00:12:34,480

fleet and it's a legacy that everybody

296

00:12:39,910 --> 00:12:36,160

who's ever touched these vehicles should

297

00:12:41,670 --> 00:12:39,920

be extremely proud of i think the only

298

00:12:43,910 --> 00:12:41,680

problem area there is that we just we

299

00:12:45,990 --> 00:12:43,920

don't have that follow-on we're not

300

00:12:47,590 --> 00:12:46,000

replacing the shuttle with something and

301  
00:12:50,069 --> 00:12:47,600  
i think that's what makes a little bit

302  
00:12:51,990 --> 00:12:50,079  
sad for us but make no mistake when we

303  
00:12:53,910 --> 00:12:52,000  
bring discovery home it's a time to

304  
00:12:56,389 --> 00:12:53,920  
celebrate i mean the

305  
00:12:57,590 --> 00:12:56,399  
legacy that this spaceship has has made

306  
00:12:59,509 --> 00:12:57,600  
for herself

307  
00:13:01,509 --> 00:12:59,519  
uh is just nothing more than cause for

308  
00:13:04,230 --> 00:13:01,519  
celebration she's returned so much

309  
00:13:05,590 --> 00:13:04,240  
science so much experience and the

310  
00:13:07,910 --> 00:13:05,600  
experience that we have crew members

311  
00:13:09,190 --> 00:13:07,920  
have had has just been marvelous and

312  
00:13:11,750 --> 00:13:09,200  
it's again just something that our

313  
00:13:13,269 --> 00:13:11,760

country should be very very proud of

314

00:13:14,629 --> 00:13:13,279

you know you know when you talk to folks

315

00:13:16,550 --> 00:13:14,639

who've worked on the shuttle over the

316

00:13:18,790 --> 00:13:16,560

years you know there's almost a sense of

317

00:13:21,190 --> 00:13:18,800

disbelief that it's come to this that

318

00:13:24,069 --> 00:13:21,200

the agency's been told to give up a very

319

00:13:25,509 --> 00:13:24,079

mature operational vehicle arguably as

320

00:13:27,990 --> 00:13:25,519

my as the commander said a moment ago

321

00:13:29,990 --> 00:13:28,000

the most capable spacecraft ever built

322

00:13:31,829 --> 00:13:30,000

in favor of less ambitious vehicles that

323

00:13:33,670 --> 00:13:31,839

have not yet been designed or tested do

324

00:13:36,069 --> 00:13:33,680

any of you guys resent the way this is

325

00:13:42,550 --> 00:13:36,079

played out or is this just is it simply

326

00:13:45,590 --> 00:13:43,910

well um

327

00:13:46,710 --> 00:13:45,600

that's a that's a tough question to

328

00:13:49,590 --> 00:13:46,720

answer

329

00:13:51,750 --> 00:13:49,600

obviously we have a have a vision or you

330

00:13:54,790 --> 00:13:51,760

know we're looking at expanding out of

331

00:13:56,870 --> 00:13:54,800

low earth orbit and so the the objective

332

00:13:59,189 --> 00:13:56,880

as part of retiring the shuttle

333

00:14:01,430 --> 00:13:59,199

uh the plan was to go out of low earth

334

00:14:03,430 --> 00:14:01,440

orbit and uh from from what i'm seeing

335

00:14:04,629 --> 00:14:03,440

so far that's what we still intend on

336

00:14:06,870 --> 00:14:04,639

doing so

337

00:14:09,910 --> 00:14:06,880

um to to go there with the with the

338

00:14:12,069 --> 00:14:09,920

budget and uh you know the uh

339

00:14:14,949 --> 00:14:12,079

what we have right now we really can't

340

00:14:17,430 --> 00:14:14,959

afford to do all of that and so uh

341

00:14:19,269 --> 00:14:17,440

to to take the next step and get out of

342

00:14:21,269 --> 00:14:19,279

low earth orbit we have to go to a

343

00:14:22,230 --> 00:14:21,279

different type of vehicle to do that and

344

00:14:23,189 --> 00:14:22,240

so

345

00:14:25,110 --> 00:14:23,199

um

346

00:14:26,949 --> 00:14:25,120

it's it's sad to give this this kind of

347

00:14:28,550 --> 00:14:26,959

capability although i think someday in

348

00:14:30,710 --> 00:14:28,560

the future we'll probably have similar

349

00:14:33,509 --> 00:14:30,720

capability i don't know when that would

350

00:14:35,110 --> 00:14:33,519

be but uh but i but i really

351

00:14:37,509 --> 00:14:35,120

strongly believe in the next step as

352

00:14:39,269 --> 00:14:37,519

nicole mentioned earlier to try to uh

353

00:14:41,670 --> 00:14:39,279

get out of low earth orbit go to it go

354

00:14:43,350 --> 00:14:41,680

to an asteroid go to the moon or or get

355

00:14:45,750 --> 00:14:43,360

out and explore the solar system we do

356

00:14:47,189 --> 00:14:45,760

need a new vehicle for that

357

00:14:49,269 --> 00:14:47,199

thanks and let me ask

358

00:14:50,550 --> 00:14:49,279

ask nicole a question you know nicole

359

00:14:51,829 --> 00:14:50,560

you worked on the shuttle at the kennedy

360

00:14:53,430 --> 00:14:51,839

space center before you joined the

361

00:14:54,470 --> 00:14:53,440

astronaut corps you know better than

362

00:14:56,389 --> 00:14:54,480

most

363

00:14:58,310 --> 00:14:56,399

what an amazing machine

364

00:14:59,910 --> 00:14:58,320

discovery is and the other the other two

365

00:15:01,110 --> 00:14:59,920

orbiters what are you know as you look

366

00:15:02,629 --> 00:15:01,120

out the window here in your last full

367

00:15:04,629 --> 00:15:02,639

day in space aboard a shuttle anyway

368

00:15:10,710 --> 00:15:04,639

what are your thoughts uh on the eve of

369

00:15:14,790 --> 00:15:12,389

well i think certainly there there are

370

00:15:16,790 --> 00:15:14,800

the thoughts of um of bringing this

371

00:15:18,949 --> 00:15:16,800

vehicle to you know to wheel stop on the

372

00:15:19,829 --> 00:15:18,959

runway for the last time but

373

00:15:25,269 --> 00:15:19,839

um

374

00:15:26,870 --> 00:15:25,279

you know the team that's associated with

375

00:15:28,069 --> 00:15:26,880

this

376

00:15:30,389 --> 00:15:28,079

i think that's really what i'm going to

377

00:15:31,990 --> 00:15:30,399

be thinking about is and and i have been

378

00:15:34,069 --> 00:15:32,000

as i as i look out the windows that you

379

00:15:35,670 --> 00:15:34,079

know i feel really really blessed to

380

00:15:37,350 --> 00:15:35,680

have had the opportunity to not only

381

00:15:39,509 --> 00:15:37,360

work on

382

00:15:41,509 --> 00:15:39,519

discovery and the other orbiters on the

383

00:15:43,189 --> 00:15:41,519

ground but also to

384

00:15:45,110 --> 00:15:43,199

you know to just have this opportunity

385

00:15:47,269 --> 00:15:45,120

to look out the windows and appreciate

386

00:15:48,949 --> 00:15:47,279

it from the inside as well

387

00:15:49,990 --> 00:15:48,959

and um

388

00:15:51,749 --> 00:15:50,000

i think

389

00:15:53,829 --> 00:15:51,759

thanks has just continued to come to

390

00:15:55,829 --> 00:15:53,839

mind for me thanking the people on the

391

00:15:56,790 --> 00:15:55,839

ground who have taken such meticulous

392

00:15:58,790 --> 00:15:56,800

care

393

00:16:00,949 --> 00:15:58,800

of these vehicles and it's in their

394

00:16:02,710 --> 00:16:00,959

bones this this is a passion for them

395

00:16:05,030 --> 00:16:02,720

this is not just you know i go to work

396

00:16:07,670 --> 00:16:05,040

every day it really is a

397

00:16:08,790 --> 00:16:07,680

heart and soul kind of thing and

398

00:16:10,310 --> 00:16:08,800

you know i think that's what is coming

399

00:16:12,710 --> 00:16:10,320

down to me

400

00:16:14,230 --> 00:16:12,720

down to for me is is thinking about that

401  
00:16:16,310 --> 00:16:14,240  
and appreciating

402  
00:16:17,910 --> 00:16:16,320  
just how much has gone into this by you

403  
00:16:20,829 --> 00:16:17,920  
know this wonderful team of people that

404  
00:16:23,269 --> 00:16:20,839  
has taken such good care of these

405  
00:16:25,430 --> 00:16:23,279  
vehicles it's peter king again this

406  
00:16:26,790 --> 00:16:25,440  
question is for uh eric bo you've got

407  
00:16:28,710 --> 00:16:26,800  
kids and down the line maybe some

408  
00:16:30,310 --> 00:16:28,720  
grandchildren on the way

409  
00:16:31,910 --> 00:16:30,320  
who will only know about the space

410  
00:16:34,790 --> 00:16:31,920  
shuttle from history books and from

411  
00:16:36,790 --> 00:16:34,800  
video and things on the internet maybe

412  
00:16:39,350 --> 00:16:36,800  
he'll take them to see discovery at the

413  
00:16:41,030 --> 00:16:39,360

smithsonian or wherever it winds up what

414

00:16:46,230 --> 00:16:41,040

will you tell them about what it was

415

00:16:49,670 --> 00:16:48,069

well i'll tell them that the

416

00:16:51,509 --> 00:16:49,680

discovery in the space shuttle fleet was

417

00:16:53,910 --> 00:16:51,519

a dream is a dream machine it's just

418

00:16:56,230 --> 00:16:53,920

amazing what this vehicle can do

419

00:16:58,310 --> 00:16:56,240

it can launch like a rocket go into

420

00:17:01,030 --> 00:16:58,320

orbit change it into a spacecraft and

421

00:17:03,350 --> 00:17:01,040

land as a hypersonic airplane on entry

422

00:17:05,829 --> 00:17:03,360

and what's amazing is just how well she

423

00:17:07,029 --> 00:17:05,839

she sails and it's an honor and

424

00:17:11,909 --> 00:17:07,039

privilege for all of us to get the

425

00:17:16,710 --> 00:17:14,549

to the crew of sts-133 uh bill and i

426

00:17:18,309 --> 00:17:16,720

both thank you i think it's really hard

427

00:17:21,270 --> 00:17:18,319

for us to believe that this is your last

428

00:17:23,270 --> 00:17:21,280

flight but it's been an absolute

429

00:17:24,949 --> 00:17:23,280

pleasure to cover and watch over the

430

00:17:30,070 --> 00:17:24,959

years have a safe trip home and we'll

431

00:17:30,080 --> 00:17:33,750

thank you very much

432

00:17:37,909 --> 00:17:35,909

discovery this is houston acr that

433

00:17:40,150 --> 00:17:37,919

concludes the cbs news portion of the

434

00:17:42,310 --> 00:17:40,160

event please stand by for a voice check

435

00:17:44,390 --> 00:17:42,320

from the associated press

436

00:17:48,950 --> 00:17:44,400

discovery this is the associated press

437

00:17:52,789 --> 00:17:50,789

loud and clear

438

00:17:54,789 --> 00:17:52,799

this is marcia dunn speaking to you from

439

00:17:56,230 --> 00:17:54,799

kennedy space center where the skies are

440

00:17:58,870 --> 00:17:56,240

clear today

441

00:18:00,950 --> 00:17:58,880

for commander lindsay wow a tribute from

442

00:18:03,270 --> 00:18:00,960

william shatner in live wake up music

443

00:18:05,909 --> 00:18:03,280

today the whole country seems to be

444

00:18:07,750 --> 00:18:05,919

watching discoveries last flight

445

00:18:10,950 --> 00:18:07,760

i'm wondering can you sense the all the

446

00:18:13,350 --> 00:18:10,960

attention that's going on down here and

447

00:18:17,110 --> 00:18:13,360

what's the mood up there for you like

448

00:18:22,470 --> 00:18:17,120

and is it all sadness or or

449

00:18:27,190 --> 00:18:25,110

well as far as the attention discovery

450

00:18:29,830 --> 00:18:27,200

is getting on the ground

451  
00:18:31,270 --> 00:18:29,840  
honestly i have no idea about that we we

452  
00:18:32,390 --> 00:18:31,280  
get we get a little bit of news up here

453  
00:18:34,710 --> 00:18:32,400  
i haven't had time to read it for

454  
00:18:36,230 --> 00:18:34,720  
several days so uh we've been focusing

455  
00:18:37,190 --> 00:18:36,240  
on doing our job so as far as what's

456  
00:18:39,750 --> 00:18:37,200  
going on

457  
00:18:41,350 --> 00:18:39,760  
in terms of attention i have no idea uh

458  
00:18:43,029 --> 00:18:41,360  
what we're feeling is we're obviously in

459  
00:18:44,870 --> 00:18:43,039  
our last day of orbit and we're getting

460  
00:18:46,150 --> 00:18:44,880  
every taking every chance we can to look

461  
00:18:47,270 --> 00:18:46,160  
out the windows

462  
00:18:50,150 --> 00:18:47,280  
um

463  
00:18:51,590 --> 00:18:50,160

and uh so we're kind of uh kind of sad

464

00:18:53,590 --> 00:18:51,600

at this last day wish we could have a

465

00:18:55,029 --> 00:18:53,600

few more days but it's time for us to

466

00:18:57,590 --> 00:18:55,039

come home

467

00:18:59,830 --> 00:18:57,600

but we're mostly enjoying this last day

468

00:19:02,150 --> 00:18:59,840

getting ready for entry um looking out

469

00:19:03,909 --> 00:19:02,160

the windows and uh and just thinking

470

00:19:06,150 --> 00:19:03,919

about the great experience we have and

471

00:19:08,630 --> 00:19:06,160

the success of our mission and uh

472

00:19:11,510 --> 00:19:08,640

and we're getting ready now uh uh to

473

00:19:13,990 --> 00:19:11,520

focus on this this final task we have

474

00:19:16,150 --> 00:19:14,000

tomorrow which is to uh do the deorbit

475

00:19:18,950 --> 00:19:16,160

prep safely enter safely and then land i

476

00:19:21,270 --> 00:19:18,960

think once we land then we'll all have

477

00:19:23,590 --> 00:19:21,280

time to really reflect on what we did

478

00:19:25,270 --> 00:19:23,600

and and that we got to have got to fly

479

00:19:27,590 --> 00:19:25,280

this final flight of discovery which is

480

00:19:29,350 --> 00:19:27,600

truly an honor for all of us

481

00:19:31,270 --> 00:19:29,360

well i know you have a tribute of your

482

00:19:33,110 --> 00:19:31,280

own coming up to discovery in several

483

00:19:35,590 --> 00:19:33,120

more minutes but perhaps one of you

484

00:19:37,270 --> 00:19:35,600

could wax poetic right now what your

485

00:19:39,029 --> 00:19:37,280

thoughts are about discovery in all

486

00:19:55,190 --> 00:19:39,039

three space shuttles as the program

487

00:19:58,950 --> 00:19:57,110

i've been uh volunteered to wax poetic

488

00:20:01,110 --> 00:19:58,960

and i don't do it so well you know we've

489

00:20:02,310 --> 00:20:01,120

been talking about discovery retiring

490

00:20:03,430 --> 00:20:02,320

and uh

491

00:20:05,590 --> 00:20:03,440

the fact that there really isn't a

492

00:20:07,270 --> 00:20:05,600

replacement for the space shuttle and i

493

00:20:09,350 --> 00:20:07,280

kind of look at it that

494

00:20:11,430 --> 00:20:09,360

just as nowadays we look back at the

495

00:20:12,950 --> 00:20:11,440

ship rights of the 18th and 19th century

496

00:20:14,310 --> 00:20:12,960

and we look at the ships they built and

497

00:20:15,590 --> 00:20:14,320

we still ask questions as to how they

498

00:20:17,430 --> 00:20:15,600

did it and how those ships managed to

499

00:20:19,830 --> 00:20:17,440

stay at sea for so long and be

500

00:20:21,350 --> 00:20:19,840

successful and i think when they do get

501  
00:20:23,669 --> 00:20:21,360  
around to building another vehicle that

502  
00:20:24,950 --> 00:20:23,679  
is as capable as the space shuttle

503  
00:20:27,029 --> 00:20:24,960  
they're going to look back and ask a lot

504  
00:20:28,390 --> 00:20:27,039  
of questions how in the world did the

505  
00:20:30,310 --> 00:20:28,400  
engineers and technicians and the

506  
00:20:31,990 --> 00:20:30,320  
maintenance people manage to make these

507  
00:20:35,350 --> 00:20:32,000  
vehicles so incredible that they're

508  
00:20:37,350 --> 00:20:35,360  
still flying after 39 missions in 25

509  
00:20:39,110 --> 00:20:37,360  
years it's pretty amazing

510  
00:20:41,830 --> 00:20:39,120  
and i think that's really going to be

511  
00:20:43,990 --> 00:20:41,840  
the long-term legacy of this vehicle

512  
00:20:45,909 --> 00:20:44,000  
thank you along those lines for

513  
00:20:48,149 --> 00:20:45,919

anyone on board do you expect the

514

00:20:59,669 --> 00:20:48,159

shuttle program one day to be revered as

515

00:21:04,950 --> 00:21:02,710

i guess it's my turn to wax poetic

516

00:21:07,110 --> 00:21:04,960

yes i believe in indeed uh when i talk

517

00:21:09,029 --> 00:21:07,120

to the apollo astronauts the mercury and

518

00:21:10,789 --> 00:21:09,039

gemini astronauts

519

00:21:12,149 --> 00:21:10,799

they talked us with amazement they look

520

00:21:14,230 --> 00:21:12,159

at the complexity of the missions we do

521

00:21:16,230 --> 00:21:14,240

now in space and they can't believe that

522

00:21:17,750 --> 00:21:16,240

they said they never did anything nearly

523

00:21:19,990 --> 00:21:17,760

as difficult or complex as what we were

524

00:21:20,789 --> 00:21:20,000

doing with the shuttle and like steve

525

00:21:22,870 --> 00:21:20,799

said

526  
00:21:24,230 --> 00:21:22,880  
we won't do anything nearly as complex

527  
00:21:25,909 --> 00:21:24,240  
with another vehicle for a very long

528  
00:21:27,350 --> 00:21:25,919  
time even if we started today to try and

529  
00:21:29,430 --> 00:21:27,360  
build a replacement shuttle it might

530  
00:21:31,590 --> 00:21:29,440  
take 15 to 20 years to get there

531  
00:21:33,990 --> 00:21:31,600  
there's just been nothing more capable

532  
00:21:34,950 --> 00:21:34,000  
out there to do it so i think that

533  
00:21:36,390 --> 00:21:34,960  
five or 10 years from now they're going

534  
00:21:37,750 --> 00:21:36,400  
to look back and go how did we ever

535  
00:21:39,750 --> 00:21:37,760  
build a vehicle that could do all these

536  
00:21:41,510 --> 00:21:39,760  
things this was a pretty bold and

537  
00:21:43,990 --> 00:21:41,520  
audacious thing to put together back in

538  
00:21:45,350 --> 00:21:44,000

the 1970s and i just don't know that we

539

00:21:46,710 --> 00:21:45,360  
have that audacity now to build

540

00:21:48,870 --> 00:21:46,720  
something nearly as ambitious as the

541

00:21:50,549 --> 00:21:48,880  
shuttle is

542

00:21:52,230 --> 00:21:50,559  
well if you could keep the mic for a

543

00:21:54,549 --> 00:21:52,240  
moment what do you expect it will be

544

00:21:56,870 --> 00:21:54,559  
like for you to be part of discovery's

545

00:21:58,470 --> 00:21:56,880  
historic return to earth tomorrow and to

546

00:22:03,510 --> 00:21:58,480  
be walking away for the ship from the

547

00:22:07,029 --> 00:22:05,350  
to be honest like like our commander

548

00:22:08,710 --> 00:22:07,039  
said i've been more focused on just

549

00:22:10,789 --> 00:22:08,720  
getting through the mission here

550

00:22:12,710 --> 00:22:10,799  
and making sure that we have a safe and

551  
00:22:15,350 --> 00:22:12,720  
effective return from orbit back to

552  
00:22:17,190 --> 00:22:15,360  
earth to cap off a successful mission

553  
00:22:18,549 --> 00:22:17,200  
i'll probably give more thought once

554  
00:22:20,549 --> 00:22:18,559  
we're done when we will stop on the

555  
00:22:22,630 --> 00:22:20,559  
runway about

556  
00:22:24,470 --> 00:22:22,640  
the legacy discovery and the legacy of

557  
00:22:25,750 --> 00:22:24,480  
this particular mission but i just don't

558  
00:22:27,669 --> 00:22:25,760  
have a whole lot of deep thoughts about

559  
00:22:29,669 --> 00:22:27,679  
it right now

560  
00:22:31,909 --> 00:22:29,679  
dr barry you were so eloquent a few days

561  
00:22:34,070 --> 00:22:31,919  
ago describing all the historic voyages

562  
00:22:36,149 --> 00:22:34,080  
of the ship's name discovery

563  
00:22:38,470 --> 00:22:36,159

um put that in perspective for me again

564

00:22:40,470 --> 00:22:38,480

if you will how will space shuttle

565

00:22:46,070 --> 00:22:40,480

discovery stack up against all the other

566

00:22:49,590 --> 00:22:47,830

well that's a great question

567

00:22:51,830 --> 00:22:49,600

there have been ships named discovery

568

00:22:54,149 --> 00:22:51,840

for over four centuries and they've been

569

00:22:57,110 --> 00:22:54,159

captained by great people like henry

570

00:22:59,110 --> 00:22:57,120

hudson and matthew i'm sorry john clerk

571

00:23:00,870 --> 00:22:59,120

who was on captain cook's second voyage

572

00:23:03,190 --> 00:23:00,880

robert falcon scott had a discovery

573

00:23:04,710 --> 00:23:03,200

going to the antarctic and i think

574

00:23:05,990 --> 00:23:04,720

everybody knows that our shuttle fleet

575

00:23:08,310 --> 00:23:06,000

was named after great ships of

576  
00:23:10,230 --> 00:23:08,320  
exploration we wanted to carry on that

577  
00:23:12,070 --> 00:23:10,240  
heritage the legacy of that name and i

578  
00:23:15,029 --> 00:23:12,080  
think this discovery has done that with

579  
00:23:16,870 --> 00:23:15,039  
flying colors and she retires with all

580  
00:23:19,270 --> 00:23:16,880  
of the honors and dignity do any of

581  
00:23:21,750 --> 00:23:19,280  
those ships that made great discoveries

582  
00:23:23,029 --> 00:23:21,760  
so i think we salute discovery in that

583  
00:23:25,510 --> 00:23:23,039  
in that way

584  
00:23:27,750 --> 00:23:25,520  
with all the accolades that she deserves

585  
00:23:29,350 --> 00:23:27,760  
but it also lays out a challenge

586  
00:23:31,029 --> 00:23:29,360  
what will be the next ship name

587  
00:23:32,710 --> 00:23:31,039  
discovery the next ship to bear this

588  
00:23:35,350 --> 00:23:32,720

name hopefully will go further than this

589

00:23:37,590 --> 00:23:35,360

one and make every bit as much of a

590

00:23:39,430 --> 00:23:37,600

contribution to history into discovery

591

00:23:41,830 --> 00:23:39,440

as this ship

592

00:23:43,269 --> 00:23:41,840

thank you for anyone on board discovery

593

00:23:44,710 --> 00:23:43,279

is promised to the smithsonian

594

00:23:46,310 --> 00:23:44,720

institution

595

00:23:48,870 --> 00:23:46,320

but the decision on where the other

596

00:23:50,630 --> 00:23:48,880

shuttles go will be coming up next month

597

00:23:51,750 --> 00:23:50,640

do any of you wish you were doing the

598

00:24:02,710 --> 00:23:51,760

picking and do you have any

599

00:24:06,230 --> 00:24:04,630

i'm really thankful personally that i'm

600

00:24:09,510 --> 00:24:06,240

not doing the picking because there are

601  
00:24:11,269 --> 00:24:09,520  
so many good choices across the country

602  
00:24:12,630 --> 00:24:11,279  
so i don't really want any part and i'm

603  
00:24:14,390 --> 00:24:12,640  
not going to make a recommendation the

604  
00:24:15,430 --> 00:24:14,400  
only the only thing i would say about

605  
00:24:17,909 --> 00:24:15,440  
that is

606  
00:24:20,870 --> 00:24:17,919  
i hope that discovery is displayed in

607  
00:24:23,909 --> 00:24:20,880  
such a way that the the entire public

608  
00:24:24,549 --> 00:24:23,919  
can see discovery as we see her and as

609  
00:24:37,430 --> 00:24:24,559  
the

610  
00:24:39,750 --> 00:24:37,440  
what was it like to live and work on a

611  
00:24:42,950 --> 00:24:39,760  
space shuttle with six or seven people

612  
00:24:45,430 --> 00:24:42,960  
uh in in in what's a fairly small space

613  
00:24:48,149 --> 00:24:45,440

and uh how we operated all the things we

614

00:24:49,830 --> 00:24:48,159

did with it so what i hope is that

615

00:24:51,909 --> 00:24:49,840

wherever it's displayed it's displayed

616

00:24:53,269 --> 00:24:51,919

in such a way that the public can see

617

00:24:55,990 --> 00:24:53,279

the shuttle through

618

00:24:57,990 --> 00:24:56,000

the the various lenses of all of the

619

00:24:59,510 --> 00:24:58,000

thousands of people across the country

620

00:25:01,430 --> 00:24:59,520

that worked on the space shuttle program

621

00:25:03,669 --> 00:25:01,440

and get a true picture of what it was

622

00:25:06,230 --> 00:25:03,679

like to work on this vehicle to operate

623

00:25:08,070 --> 00:25:06,240

this vehicle from the ground and to

624

00:25:10,870 --> 00:25:08,080

operate this vehicle from the from the

625

00:25:14,470 --> 00:25:10,880

cockpit as we have

626

00:25:16,630 --> 00:25:14,480

well i wish all of you godspeed and

627

00:25:23,029 --> 00:25:16,640

godspeed to space shuttle discovery as

628

00:25:23,039 --> 00:25:26,549

thank you very much

629

00:25:31,190 --> 00:25:28,870

discovery this is houston acr that

630

00:25:33,430 --> 00:25:31,200

concludes the event thank you

631

00:25:35,669 --> 00:25:33,440

thank you abc news cbs news and the

632

00:25:37,669 --> 00:25:35,679

associated press discovery we are now