



1
00:00:29,830 --> 00:00:02,629
hi i'm steve lindsey commander of

2
00:00:33,750 --> 00:00:31,910
we waited long

3
00:00:36,310 --> 00:00:33,760
for this day to come

4
00:00:38,229 --> 00:00:36,320
for all the midnight lots of burns into

5
00:00:40,310 --> 00:00:38,239
the morning sun

6
00:00:43,670 --> 00:00:40,320
i can't wait to see

7
00:00:49,190 --> 00:00:43,680
your sweet mysteries the moon stars us

8
00:01:02,549 --> 00:00:53,590
fly home on your silver wings with your

9
00:01:08,149 --> 00:01:04,710
yes you can

10
00:01:14,789 --> 00:01:13,109
true love discovers and she stands

11
00:01:19,030 --> 00:01:14,799
and she won't

12
00:01:25,109 --> 00:01:21,590
oh yes you can

13
00:01:32,149 --> 00:01:27,429

there is no other

14

00:01:42,149 --> 00:01:32,159

won't believe and you will find

15

00:01:45,990 --> 00:01:44,389

gonna chase the dream

16

00:01:48,149 --> 00:01:46,000

gonna set it free

17

00:01:50,550 --> 00:01:48,159

gonna make it real gonna make it shine

18

00:01:52,789 --> 00:01:50,560

gonna keep it grooving on

19

00:01:54,710 --> 00:01:52,799

one small stepping stone

20

00:01:57,350 --> 00:01:54,720

baby we're not alone

21

00:02:01,590 --> 00:01:57,360

gonna take you farther high faster than

22

00:02:10,110 --> 00:02:05,830

you've got my flame and your fire baby

23

00:02:16,869 --> 00:02:10,120

you've gotten my twinkle in your eye

24

00:02:22,390 --> 00:02:18,949

yes you can

25

00:02:23,869 --> 00:02:22,400

change the world

26

00:02:27,430 --> 00:02:23,879

true love

27

00:02:33,430 --> 00:02:27,440

discovers and she stands

28

00:02:33,440 --> 00:02:39,430

oh yes you can change the world

29

00:02:39,440 --> 00:02:44,990

there is no other wall

30

00:02:56,470 --> 00:02:48,710

believing you will find

31

00:02:56,480 --> 00:03:01,589

don't you change too late

32

00:03:09,430 --> 00:03:03,190

yeah yeah

33

00:03:09,440 --> 00:03:25,110

my stars won't wait

34

00:03:30,630 --> 00:03:27,110

yes you can

35

00:03:41,589 --> 00:03:35,589

true love discovers and she stands

36

00:03:47,589 --> 00:03:44,070

oh yes you can

37

00:03:53,110 --> 00:03:47,599

change the world

38

00:03:54,710 --> 00:03:53,120

there is no other one believing you will

39

00:04:12,229 --> 00:03:54,720

find

40

00:04:16,069 --> 00:04:14,229

good morning discovery and your wake-up

41

00:04:24,390 --> 00:04:16,079

music this morning was brought to you

42

00:04:29,510 --> 00:04:26,710

well good morning and uh

43

00:04:32,310 --> 00:04:29,520

thanks to them and uh they were the uh

44

00:04:34,550 --> 00:04:32,320

number one vote getter in the uh program

45

00:04:36,629 --> 00:04:34,560

song contest so congratulations to them

46

00:04:38,550 --> 00:04:36,639

and uh thanks for that uh special

47

00:04:39,990 --> 00:04:38,560

recording it's a

48

00:04:42,310 --> 00:04:40,000

good to be up here looking forward to

49

00:04:44,230 --> 00:04:42,320

the day

50

00:04:49,189 --> 00:04:44,240

greetings this is todd from big get down

51
00:04:53,670 --> 00:04:51,189
well good morning todd and thanks thanks

52
00:04:56,790 --> 00:04:53,680
very much for that that was great

53
00:04:58,469 --> 00:04:56,800
did you just do that live i did just do

54
00:05:02,310 --> 00:04:58,479
that live and i believe it's the first

55
00:05:07,430 --> 00:05:04,230
well that was terrific we really

56
00:05:09,350 --> 00:05:07,440
appreciate it and congratulations uh on

57
00:05:11,350 --> 00:05:09,360
winning the contest

58
00:05:13,270 --> 00:05:11,360
well on behalf of big ed the monsters

59
00:05:15,189 --> 00:05:13,280
and uh songwriters and artists

60
00:05:17,270 --> 00:05:15,199
everywhere we just want to thank you so

61
00:05:18,950 --> 00:05:17,280
much for your courage and your bravery

62
00:05:21,590 --> 00:05:18,960
and your effort in

63
00:05:24,390 --> 00:05:21,600

uh just giving all of us a better

64

00:05:26,469 --> 00:05:24,400

shot at knowing more and

65

00:05:29,590 --> 00:05:26,479

it's very inspirational to the arts as

66

00:05:35,029 --> 00:05:29,600

well and i just want you to

67

00:05:39,670 --> 00:05:37,270

well thank you very much and uh and

68

00:05:41,670 --> 00:05:39,680

we're all we all wish you could see what

69

00:05:43,590 --> 00:05:41,680

we can see when we look at the earth and

70

00:05:45,189 --> 00:05:43,600

hopefully everybody will be able to do

71

00:05:47,909 --> 00:05:45,199

that one of these days

72

00:05:49,510 --> 00:05:47,919

hopefully sooner rather than later

73

00:05:52,550 --> 00:05:49,520

well we'll look we'll work on that

74

00:05:55,510 --> 00:05:52,560

together thank you so much

75

00:05:59,510 --> 00:05:58,070

that was todd park moore of big head

76

00:06:00,590 --> 00:05:59,520

todd in the monsters talking with the

77

00:06:24,230 --> 00:06:00,600

crew of the

78

00:06:27,029 --> 00:06:25,830

this is mission control houston now that

79

00:06:28,469 --> 00:06:27,039

the crew has wrapped up the flight

80

00:06:30,150 --> 00:06:28,479

control surfaces check out there in the

81

00:06:31,990 --> 00:06:30,160

middle of the reaction control system

82

00:06:33,670 --> 00:06:32,000

jet uh check out it's called the hot

83

00:06:35,670 --> 00:06:33,680

fire test

84

00:06:38,790 --> 00:06:35,680

they will pulse each of the

85

00:06:41,909 --> 00:06:40,150

while they're doing that the propulsions

86

00:06:43,350 --> 00:06:41,919

officer here inside mission control will

87

00:06:44,950 --> 00:06:43,360

follow along make sure that there are no

88

00:06:46,790 --> 00:06:44,960

errors and all the jets are ready to

89

00:06:47,909 --> 00:06:46,800

support tomorrow's landing

90

00:06:52,629 --> 00:06:47,919

as the crew works through this

91

00:06:57,749 --> 00:06:54,469

commander lindsey i just heard the call

92

00:06:59,589 --> 00:06:57,759

from mmt that you're clear for re-entry

93

00:07:04,870 --> 00:06:59,599

how sad does it make you that you can't

94

00:07:08,710 --> 00:07:06,469

you know i think it makes all of us sad

95

00:07:10,070 --> 00:07:08,720

we've we've had a fantastic mission

96

00:07:11,670 --> 00:07:10,080

we've accomplished all of our mission

97

00:07:13,749 --> 00:07:11,680

objectives plus a whole bunch we never

98

00:07:15,909 --> 00:07:13,759

thought we would get i've been extended

99

00:07:17,990 --> 00:07:15,919

a couple of days and would love to be

100

00:07:19,990 --> 00:07:18,000

extended longer but unfortunately we're

101
00:07:21,990 --> 00:07:20,000
running out of supplies up here and it's

102
00:07:24,070 --> 00:07:22,000
time to come home but we're all sad that

103
00:07:26,070 --> 00:07:24,080
this is our last day in orbit and we're

104
00:07:27,510 --> 00:07:26,080
sad that this is the last day

105
00:07:30,629 --> 00:07:27,520
potentially for discovering unless we

106
00:07:32,309 --> 00:07:30,639
weather wave off or something like that

107
00:07:33,909 --> 00:07:32,319
for commander lindsey and a couple of

108
00:07:36,550 --> 00:07:33,919
other crew members tell us something

109
00:07:39,029 --> 00:07:36,560
about discovery that we don't know what

110
00:07:40,870 --> 00:07:39,039
are the quirks of this particular ship

111
00:07:42,629 --> 00:07:40,880
where does it make noises in the middle

112
00:07:44,390 --> 00:07:42,639
of the night did you find anything

113
00:07:49,110 --> 00:07:44,400

tucked in the compartments you didn't

114

00:07:53,029 --> 00:07:50,550

well the one thing i will tell you about

115

00:07:55,670 --> 00:07:53,039

discovery is uh discovery has been

116

00:07:57,189 --> 00:07:55,680

flying since 1984 this is her 39th

117

00:08:00,550 --> 00:07:57,199

mission into space

118

00:08:03,990 --> 00:08:00,560

and we've been flying up here for uh

119

00:08:07,189 --> 00:08:04,000

12-13 days now and there is not a single

120

00:08:09,430 --> 00:08:07,199

thing wrong with her every single system

121

00:08:11,670 --> 00:08:09,440

and every piece of every system is

122

00:08:13,350 --> 00:08:11,680

working just like it was brand new and

123

00:08:14,950 --> 00:08:13,360

that's probably something people would

124

00:08:15,990 --> 00:08:14,960

be surprised to hear about a vehicle

125

00:08:23,029 --> 00:08:16,000

that's uh

126

00:08:31,110 --> 00:08:24,710

you know sometimes people who do

127

00:08:34,550 --> 00:08:32,709

sorry about that i think

128

00:08:35,990 --> 00:08:34,560

i'll continue along steve's line there

129

00:08:37,750 --> 00:08:36,000

and that

130

00:08:38,949 --> 00:08:37,760

in addition to the systems operating

131

00:08:40,389 --> 00:08:38,959

beautifully

132

00:08:41,670 --> 00:08:40,399

you look around

133

00:08:43,829 --> 00:08:41,680

whether you're on the flight deck or the

134

00:08:45,750 --> 00:08:43,839

middeck or even out into the payload bay

135

00:08:47,670 --> 00:08:45,760

and on the outside of the vehicle and it

136

00:08:49,750 --> 00:08:47,680

and it really does look brand new you

137

00:08:52,310 --> 00:08:49,760

get that sense that you know that maybe

138

00:08:53,829 --> 00:08:52,320

we're the first uh ones to travel on her

139

00:09:04,310 --> 00:08:53,839

and

140

00:09:06,870 --> 00:09:04,320

there i was thinking about people who

141

00:09:09,030 --> 00:09:06,880

renovate and restore old vehicles and

142

00:09:10,790 --> 00:09:09,040

keep them in really pristine condition

143

00:09:12,790 --> 00:09:10,800

well that's discovery but she doesn't

144

00:09:15,030 --> 00:09:12,800

just look good in in order to fly into

145

00:09:17,670 --> 00:09:15,040

space and do the mission that discovery

146

00:09:20,230 --> 00:09:17,680

does she has to be really pristine and

147

00:09:21,829 --> 00:09:20,240

really perform well and everything i've

148

00:09:23,750 --> 00:09:21,839

seen on this my first shuttle flight is

149

00:09:31,829 --> 00:09:23,760

that discovery is just really at the top

150

00:09:36,870 --> 00:09:33,829

and what's it going to say on the plaque

151
00:09:45,030 --> 00:09:36,880
at smithsonian about discoveries

152
00:09:48,389 --> 00:09:46,389
i don't know what the i don't know what

153
00:09:50,230 --> 00:09:48,399
the plaque is going to say

154
00:09:52,710 --> 00:09:50,240
but hopefully it will uh talk about

155
00:09:54,949 --> 00:09:52,720
discovery's legacy as a as a great ship

156
00:09:57,430 --> 00:09:54,959
of exploration as a as a great

157
00:10:00,150 --> 00:09:57,440
spacecraft as a class of spacecraft with

158
00:10:02,389 --> 00:10:00,160
capabilities of lifting people and loads

159
00:10:04,069 --> 00:10:02,399
and returning them from space

160
00:10:06,630 --> 00:10:04,079
unmatched by anything else that we've

161
00:10:07,910 --> 00:10:06,640
ever seen a versatility that's unmatched

162
00:10:09,509 --> 00:10:07,920
of anything else we've ever seen in

163
00:10:12,230 --> 00:10:09,519

space and probably

164

00:10:13,990 --> 00:10:12,240

uh unmatched for a long long long time

165

00:10:15,750 --> 00:10:14,000

time to come so hopefully it will say

166

00:10:17,829 --> 00:10:15,760

something about that

167

00:10:21,190 --> 00:10:17,839

but more importantly hopefully it will

168

00:10:23,910 --> 00:10:21,200

talk about not the crews not us but talk

169

00:10:26,470 --> 00:10:23,920

about the uh the entire space shuttle

170

00:10:29,190 --> 00:10:26,480

team that spans across the country for

171

00:10:31,190 --> 00:10:29,200

these past 30 years um that have allowed

172

00:10:33,829 --> 00:10:31,200

this to happen you see us in space we're

173

00:10:36,150 --> 00:10:33,839

visible but it takes a team of thousands

174

00:10:38,550 --> 00:10:36,160

and thousands and thousands of people to

175

00:10:40,470 --> 00:10:38,560

uh to keep this vehicle running to allow

176
00:10:42,389 --> 00:10:40,480
to execute the complex missions that we

177
00:10:44,470 --> 00:10:42,399
do within so hopefully the legacy will

178
00:10:47,910 --> 00:10:44,480
be more about the people than anything

179
00:10:51,030 --> 00:10:49,269
last thoughts when you bring it in

180
00:10:56,790 --> 00:10:51,040
tomorrow

181
00:11:00,630 --> 00:10:59,110
i think as a crew

182
00:11:02,949 --> 00:11:00,640
what we'll be thinking as we're coming

183
00:11:05,990 --> 00:11:02,959
in is we'll be pretty focused on uh

184
00:11:07,509 --> 00:11:06,000
doing in that and doing it right and so

185
00:11:10,389 --> 00:11:07,519
we're going to concentrate on our jobs

186
00:11:12,310 --> 00:11:10,399
like just like like we should make sure

187
00:11:14,470 --> 00:11:12,320
we don't miss any steps make sure we do

188
00:11:17,590 --> 00:11:14,480

everything exactly right and bring it in

189

00:11:19,350 --> 00:11:17,600

as safely and successfully as possible

190

00:11:21,750 --> 00:11:19,360

after we land that's that'll be the time

191

00:11:23,509 --> 00:11:21,760

which will reflect and i suspect

192

00:11:25,509 --> 00:11:23,519

sitting on the runway i'll be sitting in

193

00:11:27,350 --> 00:11:25,519

my seat when we do the last switch throw

194

00:11:28,550 --> 00:11:27,360

and it's time for me to get out and i

195

00:11:33,030 --> 00:11:28,560

don't think i'm going to want to leave

196

00:11:36,150 --> 00:11:34,470

well put

197

00:11:40,870 --> 00:11:36,160

safe return folks

198

00:11:40,880 --> 00:11:45,190

thank you

199

00:11:49,030 --> 00:11:47,430

discovery good morning this is cbs news

200

00:11:52,870 --> 00:11:49,040

at the kennedy space center how do you

201
00:11:55,590 --> 00:11:54,470
discovery has you loud and clear how

202
00:11:57,190 --> 00:11:55,600
else

203
00:11:59,110 --> 00:11:57,200
sound great and good morning this is

204
00:12:00,870 --> 00:11:59,120
peter king along with bill harwood and

205
00:12:02,710 --> 00:12:00,880
we've got a whole slew of questions for

206
00:12:04,470 --> 00:12:02,720
you so we'll get right to it

207
00:12:05,910 --> 00:12:04,480
commander lindsay you've probably said

208
00:12:07,670 --> 00:12:05,920
we've probably reported everything that

209
00:12:09,750 --> 00:12:07,680
can possibly be said about this being

210
00:12:11,829 --> 00:12:09,760
the last flight for discovery for

211
00:12:13,590 --> 00:12:11,839
somebody who flies these things for a

212
00:12:15,829 --> 00:12:13,600
living how hard is it to retire a

213
00:12:23,190 --> 00:12:15,839

spacecraft that seemingly has a lot of

214

00:12:27,750 --> 00:12:24,790

i guess uh

215

00:12:29,430 --> 00:12:27,760

it's it's very uh it's gonna be sad when

216

00:12:32,389 --> 00:12:29,440

it's over when we land tomorrow or the

217

00:12:34,550 --> 00:12:32,399

next day um

218

00:12:37,110 --> 00:12:34,560

i guess i guess the hardest

219

00:12:39,350 --> 00:12:37,120

the hardest part of this for me is uh is

220

00:12:42,470 --> 00:12:39,360

giving up the capability because if you

221

00:12:44,550 --> 00:12:42,480

really look at what this spacecraft does

222

00:12:45,990 --> 00:12:44,560

it can do everything except leave low

223

00:12:48,470 --> 00:12:46,000

earth orbit

224

00:12:50,949 --> 00:12:48,480

it's a science laboratory we can talk

225

00:12:53,430 --> 00:12:50,959

with space stations we we helped build

226

00:12:54,310 --> 00:12:53,440

we did build build the us segment of the

227

00:12:56,389 --> 00:12:54,320

us

228

00:12:58,310 --> 00:12:56,399

os section of the international space

229

00:13:01,590 --> 00:12:58,320

station with these vehicles

230

00:13:03,269 --> 00:13:01,600

hailed cargo and people up and down uh

231

00:13:05,590 --> 00:13:03,279

with up mass and down mass that's

232

00:13:06,389 --> 00:13:05,600

unmatched anywhere

233

00:13:08,310 --> 00:13:06,399

we've

234

00:13:10,870 --> 00:13:08,320

deployed the hubble space telescope with

235

00:13:13,190 --> 00:13:10,880

this vehicle it starts out its life as a

236

00:13:15,590 --> 00:13:13,200

rocket becomes an orbiting laboratory or

237

00:13:17,829 --> 00:13:15,600

docking vehicles maneuverable spacecraft

238

00:13:19,910 --> 00:13:17,839

on orbit and lands like an airplane and

239

00:13:22,310 --> 00:13:19,920

that capability is unmatched anywhere

240

00:13:24,870 --> 00:13:22,320

and probably will be unmatched for many

241

00:13:27,590 --> 00:13:24,880

many many years to come and so giving up

242

00:13:29,430 --> 00:13:27,600

all of that capability and the amazing

243

00:13:31,190 --> 00:13:29,440

versatility of this spacecraft is what's

244

00:13:33,350 --> 00:13:31,200

most difficult for me and probably for

245

00:13:35,670 --> 00:13:33,360

everybody that's working in the program

246

00:13:37,350 --> 00:13:35,680

and along those lines for nicole stott

247

00:13:39,750 --> 00:13:37,360

with so much uncertainty right now the

248

00:13:41,509 --> 00:13:39,760

future of u.s human space flight what

249

00:13:43,430 --> 00:13:41,519

are your concerns and what are the

250

00:13:49,350 --> 00:13:43,440

things that most excite you about what's

251
00:13:53,430 --> 00:13:51,189
well i think from uh the concern

252
00:13:55,189 --> 00:13:53,440
standpoint right now is just you know i

253
00:13:57,509 --> 00:13:55,199
think we're still in this phase of

254
00:13:59,750 --> 00:13:57,519
really defining what the next steps are

255
00:14:01,269 --> 00:13:59,760
going to be and you know i i look

256
00:14:03,829 --> 00:14:01,279
forward to seeing what that is i hold

257
00:14:05,670 --> 00:14:03,839
real hope that um we'll be challenging

258
00:14:07,509 --> 00:14:05,680
ourselves we'll be doing you know big

259
00:14:09,829 --> 00:14:07,519
things and uh

260
00:14:11,269 --> 00:14:09,839
going out of low earth orbit i i would

261
00:14:12,870 --> 00:14:11,279
love to see us go back to the moon i

262
00:14:14,150 --> 00:14:12,880
don't know if that's in the plans or not

263
00:14:16,470 --> 00:14:14,160

but um

264

00:14:18,470 --> 00:14:16,480

you know i i hope that that

265

00:14:21,030 --> 00:14:18,480

what will be happening is is is a

266

00:14:23,509 --> 00:14:21,040

challenge and will be um

267

00:14:25,350 --> 00:14:23,519

and will be taking us places you know as

268

00:14:26,550 --> 00:14:25,360

as much as what you know vehicles like

269

00:14:28,389 --> 00:14:26,560

discovery and the space shuttle have

270

00:14:30,389 --> 00:14:28,399

done for us and that will be you know

271

00:14:31,990 --> 00:14:30,399

learning all kinds of new things and i i

272

00:14:34,069 --> 00:14:32,000

think that's what makes it exciting as

273

00:14:36,389 --> 00:14:34,079

well is that you know there's plenty of

274

00:14:37,910 --> 00:14:36,399

opportunities out there and you know

275

00:14:41,030 --> 00:14:37,920

we're a great country that has done

276

00:14:43,189 --> 00:14:41,040

really really amazing things with um our

277

00:14:47,350 --> 00:14:43,199

space program and i really just hope

278

00:14:50,230 --> 00:14:48,870

bill harwood let me ask a couple if i

279

00:14:52,470 --> 00:14:50,240

can and i'm going to keep with the

280

00:14:54,150 --> 00:14:52,480

discovery theme obviously i i think a

281

00:14:56,389 --> 00:14:54,160

lot of people you know your mission is

282

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

the first really concrete sign that the

283

00:15:00,470 --> 00:14:58,320

the beginning of the end is finally here

284

00:15:01,750 --> 00:15:00,480

for this program and for mike barrett

285

00:15:04,230 --> 00:15:01,760

what do you say to the workforce and

286

00:15:06,069 --> 00:15:04,240

really to all americans uh on the eve of

287

00:15:11,430 --> 00:15:06,079

this this final landing for discovery

288

00:15:15,189 --> 00:15:13,750

well hey bill uh it's a it's a great

289

00:15:17,030 --> 00:15:15,199

question

290

00:15:18,790 --> 00:15:17,040

you know i i think about this space

291

00:15:20,870 --> 00:15:18,800

shuttle fleet like the clipper ships

292

00:15:22,629 --> 00:15:20,880

that were strong and fast and powerful

293

00:15:24,629 --> 00:15:22,639

they did their jobs but they were also

294

00:15:27,590 --> 00:15:24,639

graceful and beautiful and they conjured

295

00:15:29,509 --> 00:15:27,600

up imagination of foreign travel exotic

296

00:15:31,990 --> 00:15:29,519

places of exploration

297

00:15:33,749 --> 00:15:32,000

and discovery is just an elite member of

298

00:15:35,749 --> 00:15:33,759

this elite fleet

299

00:15:37,749 --> 00:15:35,759

and uh you know when the clippers faded

300

00:15:39,509 --> 00:15:37,759

it was because there was an alternative

301

00:15:42,150 --> 00:15:39,519

there was another ship

302

00:15:44,629 --> 00:15:42,160

that was coming in steam power that was

303

00:15:46,150 --> 00:15:44,639

stronger faster perhaps not quite as

304

00:15:48,310 --> 00:15:46,160

beautiful

305

00:15:50,949 --> 00:15:48,320

we don't have that yet we have the

306

00:15:52,710 --> 00:15:50,959

legacy of the clippers in in our shuttle

307

00:15:54,310 --> 00:15:52,720

fleet and it's a legacy that everybody

308

00:15:56,470 --> 00:15:54,320

who's ever touched these vehicles should

309

00:15:58,150 --> 00:15:56,480

be extremely proud of

310

00:15:59,829 --> 00:15:58,160

i think the only uh

311

00:16:02,069 --> 00:15:59,839

problem area there is that we just we

312

00:16:04,150 --> 00:16:02,079

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

313

00:16:05,509 --> 00:16:04,160

replacing the shuttle with something and

314

00:16:08,150 --> 00:16:05,519

i think that's uh what makes a little

315

00:16:10,150 --> 00:16:08,160

bit sad for us but make no mistake when

316

00:16:13,030 --> 00:16:10,160

we bring discovery home it's a time to

317

00:16:16,150 --> 00:16:13,040

celebrate i mean the legacy that this

318

00:16:17,749 --> 00:16:16,160

spaceship has has made for herself

319

00:16:19,749 --> 00:16:17,759

is just nothing more than cause for

320

00:16:22,470 --> 00:16:19,759

celebration she's returned so much

321

00:16:23,829 --> 00:16:22,480

science so much experience and the

322

00:16:26,069 --> 00:16:23,839

experience that we have crew members

323

00:16:27,430 --> 00:16:26,079

have had has just been marvelous and

324

00:16:29,590 --> 00:16:27,440

it's again just something that our

325

00:16:31,430 --> 00:16:29,600

country should be very very proud of

326

00:16:33,430 --> 00:16:31,440

it's peter king again this question is

327

00:16:35,110 --> 00:16:33,440

for uh eric beau you've got kids and

328

00:16:37,670 --> 00:16:35,120

down the line maybe some grandchildren

329

00:16:39,350 --> 00:16:37,680

on the way who will only know about the

330

00:16:42,150 --> 00:16:39,360

space shuttle from history books and

331

00:16:44,069 --> 00:16:42,160

from video and things on the internet

332

00:16:46,389 --> 00:16:44,079

maybe he'll take them to see discovery

333

00:16:48,389 --> 00:16:46,399

at the smithsonian or wherever it winds

334

00:16:53,829 --> 00:16:48,399

up what will you tell them about what it

335

00:16:57,350 --> 00:16:55,670

well i'll tell them that the

336

00:16:59,189 --> 00:16:57,360

discovery in the space shuttle fleet was

337

00:17:01,509 --> 00:16:59,199

a dream is a dream machine it's just

338

00:17:03,829 --> 00:17:01,519

amazing what this vehicle can do

339

00:17:05,990 --> 00:17:03,839

it can launch like a rocket go into

340

00:17:08,630 --> 00:17:06,000

orbit change it into a spacecraft and

341

00:17:10,949 --> 00:17:08,640

land as a hypersonic airplane on entry

342

00:17:13,429 --> 00:17:10,959

and what's amazing is just how well she

343

00:17:14,710 --> 00:17:13,439

she sails and it's an honor and

344

00:17:18,710 --> 00:17:14,720

privilege for all of us to get the

345

00:17:20,710 --> 00:17:18,720

chance on our final voyage

346

00:17:22,710 --> 00:17:20,720

this is marcia dunn speaking to you from

347

00:17:24,150 --> 00:17:22,720

kennedy space center where the skies are

348

00:17:26,789 --> 00:17:24,160

clear today

349

00:17:28,870 --> 00:17:26,799

for commander lindsay wow a tribute from

350

00:17:31,190 --> 00:17:28,880

william shatner in live wake up music

351

00:17:33,909 --> 00:17:31,200

today the whole country seems to be

352

00:17:35,669 --> 00:17:33,919

watching discoveries last flight

353

00:17:38,870 --> 00:17:35,679

i'm wondering can you sense the all the

354

00:17:41,270 --> 00:17:38,880

attention that's going on down here and

355

00:17:45,029 --> 00:17:41,280

what's the mood up there for you like

356

00:17:50,390 --> 00:17:45,039

and is it all sadness or or

357

00:17:55,110 --> 00:17:53,029

well as far as the attention discovery

358

00:17:57,750 --> 00:17:55,120

is getting on the ground

359

00:17:59,190 --> 00:17:57,760

honestly i have no idea about that we we

360

00:18:00,310 --> 00:17:59,200

get we get a little bit of news up here

361

00:18:02,630 --> 00:18:00,320

i haven't had time to read it for

362

00:18:04,150 --> 00:18:02,640

several days so uh we've been focusing

363

00:18:06,310 --> 00:18:04,160

on doing our job so as far as what's

364

00:18:08,870 --> 00:18:06,320

going on uh in terms of attention i have

365

00:18:10,549 --> 00:18:08,880

no idea uh what we're feeling is we're

366

00:18:12,230 --> 00:18:10,559

obviously in our last day of orbit and

367

00:18:15,190 --> 00:18:12,240

we're getting every taking every chance

368

00:18:16,150 --> 00:18:15,200

we can to look out the windows

369

00:18:18,390 --> 00:18:16,160

and

370

00:18:19,909 --> 00:18:18,400

so we're kind of uh kind of sad at this

371

00:18:22,950 --> 00:18:19,919

last day wish we could have a few more

372

00:18:25,510 --> 00:18:22,960

days but it's time for us to come home

373

00:18:27,270 --> 00:18:25,520

but we're mostly enjoying this last day

374

00:18:29,590 --> 00:18:27,280

getting ready for entry

375

00:18:31,350 --> 00:18:29,600

looking out the windows and

376

00:18:33,029 --> 00:18:31,360

just thinking about the great experience

377

00:18:34,070 --> 00:18:33,039

we have and the success of our mission

378

00:18:36,390 --> 00:18:34,080

and uh

379

00:18:38,070 --> 00:18:36,400

and we're getting ready now uh

380

00:18:39,990 --> 00:18:38,080

to focus on this

381

00:18:41,190 --> 00:18:40,000

this final task we have tomorrow which

382

00:18:43,430 --> 00:18:41,200

is to

383

00:18:45,590 --> 00:18:43,440

do the deorbit prep safely enter safely

384

00:18:47,669 --> 00:18:45,600

and then land i think once we land

385

00:18:50,230 --> 00:18:47,679

then we'll all have time to really

386

00:18:52,230 --> 00:18:50,240

reflect on what we did and and that we

387

00:18:54,070 --> 00:18:52,240

got to have got to fly this final flight

388

00:18:55,029 --> 00:18:54,080

of discovery which is truly an honor for

389

00:18:56,230 --> 00:18:55,039

all of us

390

00:18:58,710 --> 00:18:56,240

you know we've been talking about

391

00:18:59,909 --> 00:18:58,720

discovery retiring and

392

00:19:01,990 --> 00:18:59,919

the fact that there really isn't a

393

00:19:03,669 --> 00:19:02,000

replacement for the space shuttle and i

394

00:19:05,750 --> 00:19:03,679

kind of look at it that

395

00:19:07,830 --> 00:19:05,760

just as nowadays we look back at the

396

00:19:09,350 --> 00:19:07,840

ship rights of the 18th and 19th century

397

00:19:10,710 --> 00:19:09,360

and we look at the ships they built and

398

00:19:11,990 --> 00:19:10,720

we still ask questions as to how they

399

00:19:13,909 --> 00:19:12,000

did it and how those ships managed to

400

00:19:16,230 --> 00:19:13,919

stay at sea for so long and be

401
00:19:17,830 --> 00:19:16,240
successful and i think when they do get

402
00:19:20,070 --> 00:19:17,840
around to building another vehicle that

403
00:19:21,430 --> 00:19:20,080
is as capable as the space shuttle

404
00:19:23,430 --> 00:19:21,440
they're going to look back and ask a lot

405
00:19:24,870 --> 00:19:23,440
of questions how in the world did the

406
00:19:26,710 --> 00:19:24,880
engineers and technicians and the

407
00:19:28,390 --> 00:19:26,720
maintenance people managed to make these

408
00:19:31,750 --> 00:19:28,400
vehicles so incredible that they're

409
00:19:34,310 --> 00:19:31,760
still flying after 39 missions and 25

410
00:19:36,070 --> 00:19:34,320
years it's pretty amazing and i think

411
00:19:38,310 --> 00:19:36,080
that's really going to be the long-term

412
00:19:40,390 --> 00:19:38,320
legacy of this vehicle

413
00:19:42,310 --> 00:19:40,400

thank you along those lines for

414

00:19:44,549 --> 00:19:42,320

anyone on board do you expect the

415

00:19:56,070 --> 00:19:44,559

shuttle program one day to be revered as

416

00:20:01,510 --> 00:19:59,190

i guess it's my turn to wax poetic

417

00:20:03,510 --> 00:20:01,520

yes i believe in indeed when i talk to

418

00:20:05,430 --> 00:20:03,520

the apollo astronauts the mercury and

419

00:20:07,190 --> 00:20:05,440

gemini astronauts

420

00:20:08,630 --> 00:20:07,200

they talked us with amazement they look

421

00:20:10,630 --> 00:20:08,640

at the complexity of the missions we do

422

00:20:12,630 --> 00:20:10,640

now in space and they can't believe that

423

00:20:14,149 --> 00:20:12,640

they said they never did anything nearly

424

00:20:16,390 --> 00:20:14,159

as difficult or complex as what we were

425

00:20:17,190 --> 00:20:16,400

doing with the shuttle and like steve

426
00:20:19,270 --> 00:20:17,200
said

427
00:20:20,630 --> 00:20:19,280
we won't do anything nearly as complex

428
00:20:22,310 --> 00:20:20,640
with another vehicle for a very long

429
00:20:23,750 --> 00:20:22,320
time even if we started today to try and

430
00:20:25,830 --> 00:20:23,760
build a replacement shuttle it might

431
00:20:28,070 --> 00:20:25,840
take 15 to 20 years to get there

432
00:20:30,390 --> 00:20:28,080
there's just been nothing more capable

433
00:20:31,430 --> 00:20:30,400
out there to do it so i think that

434
00:20:33,110 --> 00:20:31,440
five or 10 years now they're going to

435
00:20:34,870 --> 00:20:33,120
look back and go how did we ever build a

436
00:20:36,549 --> 00:20:34,880
vehicle that could do all these things

437
00:20:39,270 --> 00:20:36,559
this was a pretty bold and audacious

438
00:20:40,710 --> 00:20:39,280

thing to put together back in the 1970s

439

00:20:42,390 --> 00:20:40,720

and i just don't know that we have that

440

00:20:45,430 --> 00:20:42,400

audacity now to build something nearly

441

00:20:46,950 --> 00:20:45,440

as ambitious as the shuttle is

442

00:20:48,630 --> 00:20:46,960

well if you could keep the mic for a

443

00:20:51,029 --> 00:20:48,640

moment what do you expect it will be

444

00:20:53,270 --> 00:20:51,039

like for you to be part of discovery's

445

00:20:54,870 --> 00:20:53,280

historic return to earth tomorrow and to

446

00:20:57,510 --> 00:20:54,880

be walking away for the ship from the

447

00:20:59,909 --> 00:20:57,520

ship one last time

448

00:21:01,750 --> 00:20:59,919

one last time

449

00:21:03,430 --> 00:21:01,760

to be honest like like your commander

450

00:21:05,110 --> 00:21:03,440

said i've been more focused on just

451
00:21:07,190 --> 00:21:05,120
getting through the mission here

452
00:21:09,110 --> 00:21:07,200
and making sure that we have a safe and

453
00:21:11,750 --> 00:21:09,120
effective return from orbit back to

454
00:21:13,590 --> 00:21:11,760
earth to cap off a successful mission

455
00:21:14,950 --> 00:21:13,600
i'll probably give more thought once

456
00:21:17,029 --> 00:21:14,960
we're done when we will stop on the

457
00:21:19,029 --> 00:21:17,039
runway about

458
00:21:20,870 --> 00:21:19,039
the legacy discovery and the legacy of

459
00:21:22,149 --> 00:21:20,880
this particular mission but i just don't

460
00:21:24,070 --> 00:21:22,159
have a whole lot of deep thoughts about

461
00:21:26,149 --> 00:21:24,080
it right now

462
00:21:28,310 --> 00:21:26,159
dr barry you were so eloquent a few days

463
00:21:30,870 --> 00:21:28,320

ago describing all the historic voyages

464

00:21:32,710 --> 00:21:30,880

of the ship's name discovery

465

00:21:34,950 --> 00:21:32,720

put that in perspective for me again if

466

00:21:36,870 --> 00:21:34,960

you will how will space shuttle

467

00:21:42,470 --> 00:21:36,880

discovery stack up against all the other

468

00:21:46,789 --> 00:21:44,470

well that's a great question um there

469

00:21:48,230 --> 00:21:46,799

have been ships named discovery for over

470

00:21:50,549 --> 00:21:48,240

four centuries and they've been

471

00:21:51,590 --> 00:21:50,559

captained by great people like henry

472

00:21:53,669 --> 00:21:51,600

hudson

473

00:21:55,510 --> 00:21:53,679

and uh matthew i'm sorry john clerk who

474

00:21:57,350 --> 00:21:55,520

was on captain cook's second voyage

475

00:21:59,669 --> 00:21:57,360

robert falcon scott had a discovery

476
00:22:01,110 --> 00:21:59,679
going to the antarctic and i think

477
00:22:02,390 --> 00:22:01,120
everybody knows that our shuttle fleet

478
00:22:04,710 --> 00:22:02,400
was named after great ships of

479
00:22:06,630 --> 00:22:04,720
exploration we wanted to carry on that

480
00:22:08,470 --> 00:22:06,640
heritage the legacy of that name and i

481
00:22:11,430 --> 00:22:08,480
think this discovery has done that with

482
00:22:13,270 --> 00:22:11,440
flying colors and she retires with all

483
00:22:15,669 --> 00:22:13,280
of the honors and dignity due any of

484
00:22:17,909 --> 00:22:15,679
those ships that made great discoveries

485
00:22:19,510 --> 00:22:17,919
so i think we salute discovery and that

486
00:22:21,990 --> 00:22:19,520
uh in that way

487
00:22:24,149 --> 00:22:22,000
with all the accolades that she deserves

488
00:22:25,830 --> 00:22:24,159

but it also lays out a challenge

489

00:22:27,430 --> 00:22:25,840

what will be the next ship name

490

00:22:29,110 --> 00:22:27,440

discovery the next ship to bear this

491

00:22:31,830 --> 00:22:29,120

name hopefully will go further than this

492

00:22:33,990 --> 00:22:31,840

one and uh make every bit as much of a

493

00:22:35,830 --> 00:22:34,000

contribution to history and to discovery

494

00:22:37,669 --> 00:22:35,840

as this ship

495

00:22:39,750 --> 00:22:37,679

thank you um for anyone on board

496

00:22:41,190 --> 00:22:39,760

discovery is promised the smithsonian

497

00:22:42,710 --> 00:22:41,200

institution

498

00:22:45,270 --> 00:22:42,720

but the decision on where the other

499

00:22:47,029 --> 00:22:45,280

shuttles go will be coming up next month

500

00:22:48,149 --> 00:22:47,039

do any of you wish you were doing the

501
00:23:20,549 --> 00:22:48,159
picking and do you have any

502
00:23:24,310 --> 00:23:22,390
hi i'm steve lindsey commander of space

503
00:23:26,390 --> 00:23:24,320
shuttle discovery on space on

504
00:23:28,470 --> 00:23:26,400
discovery's final voyage into space her

505
00:23:30,390 --> 00:23:28,480
39th trip into space

506
00:23:32,549 --> 00:23:30,400
we've prepared a more formal tribute to

507
00:23:33,909 --> 00:23:32,559
discovery that we'll we will put

508
00:23:36,310 --> 00:23:33,919
together later

509
00:23:38,470 --> 00:23:36,320
but for now on this final day on orbit

510
00:23:40,630 --> 00:23:38,480
i'd just like to get each crew member to

511
00:23:41,830 --> 00:23:40,640
say a few words in their thoughts of

512
00:23:45,110 --> 00:23:41,840
discovery

513
00:23:46,710 --> 00:23:45,120

very

514

00:23:49,269 --> 00:23:46,720

personal thing because i've actually

515

00:23:52,470 --> 00:23:49,279

flown discovery three times now my first

516

00:23:54,710 --> 00:23:52,480

flight i flew in 1999

517

00:23:57,430 --> 00:23:54,720

on sts 95 when we brought senator john

518

00:23:59,830 --> 00:23:57,440

glenn back into space i flew her again

519

00:24:03,110 --> 00:23:59,840

in as one of the return to flight test

520

00:24:04,430 --> 00:24:03,120

missions sts-121 in 2006

521

00:24:07,510 --> 00:24:04,440

and then finally

522

00:24:09,990 --> 00:24:07,520

sts-133 her final flight so discovery is

523

00:24:11,909 --> 00:24:10,000

a very special vehicle to me discovery

524

00:24:14,070 --> 00:24:11,919

has contributed greatly to the space

525

00:24:15,909 --> 00:24:14,080

shuttle program she's flown

526

00:24:17,590 --> 00:24:15,919

a good portion of the major most

527

00:24:20,070 --> 00:24:17,600

significant flights in the space shuttle

528

00:24:22,950 --> 00:24:20,080

program she deployed the hubble space

529

00:24:25,190 --> 00:24:22,960

telescope 13 trips to the space station

530

00:24:27,190 --> 00:24:25,200

contributing the assembly

531

00:24:28,870 --> 00:24:27,200

of the space station in a very big way

532

00:24:31,269 --> 00:24:28,880

she's been to the mira space station

533

00:24:33,110 --> 00:24:31,279

she's done science missions

534

00:24:35,590 --> 00:24:33,120

she's done all of the return to flight

535

00:24:37,350 --> 00:24:35,600

test missions both after challenger and

536

00:24:39,590 --> 00:24:37,360

after columbia bringing us back into

537

00:24:41,510 --> 00:24:39,600

space after those tragedies

538

00:24:43,269 --> 00:24:41,520

on this final day on orbit when i think

539

00:24:44,470 --> 00:24:43,279

about discover i think about all that i

540

00:24:45,750 --> 00:24:44,480

think about all the people that went

541

00:24:47,029 --> 00:24:45,760

before them

542

00:24:49,029 --> 00:24:47,039

before us

543

00:24:51,110 --> 00:24:49,039

on this vehicle but mostly what i think

544

00:24:52,789 --> 00:24:51,120

about are the thousands and thousands of

545

00:24:54,470 --> 00:24:52,799

people across the space shuttle program

546

00:24:57,269 --> 00:24:54,480

these past 30 years

547

00:24:59,430 --> 00:24:57,279

who who designed this vehicle built this

548

00:25:01,190 --> 00:24:59,440

vehicle have taken care of this vehicle

549

00:25:03,269 --> 00:25:01,200

in operating this vehicle not just from

550

00:25:05,350 --> 00:25:03,279

the cockpit but also those

551
00:25:07,110 --> 00:25:05,360
who operate this vehicle from the ground

552
00:25:13,669 --> 00:25:07,120
and that that is her greatest legacy to

553
00:25:17,190 --> 00:25:15,510
i remember marveling at the space

554
00:25:18,789 --> 00:25:17,200
shuttle at the new air and space museum

555
00:25:20,870 --> 00:25:18,799
when i was a teenager

556
00:25:24,230 --> 00:25:20,880
and now as we fly discovery's final

557
00:25:26,230 --> 00:25:24,240
voyage i still marvel at her today

558
00:25:28,549 --> 00:25:26,240
i would also like the i would call this

559
00:25:30,710 --> 00:25:28,559
the space shuttle discovery a dream

560
00:25:32,070 --> 00:25:30,720
machine and it's the people that make

561
00:25:33,909 --> 00:25:32,080
the ship the people that are involved in

562
00:25:36,310 --> 00:25:33,919
all our training and it's a testament to

563
00:25:38,549 --> 00:25:36,320

the people that maintain our trainer

564

00:25:49,029 --> 00:25:38,559

that the first flight is as clean as it

565

00:25:53,110 --> 00:25:51,350

in 1948 in europe

566

00:25:54,630 --> 00:25:53,120

after the ravages of world war ii a

567

00:25:56,149 --> 00:25:54,640

bunch of wild eyed scientists got

568

00:25:59,110 --> 00:25:56,159

together and mapped out a vision for the

569

00:26:01,990 --> 00:25:59,120

future among them was werner von braun

570

00:26:03,430 --> 00:26:02,000

he saw a vision where we'd have a put of

571

00:26:04,950 --> 00:26:03,440

mankind pushing out into the solar

572

00:26:07,430 --> 00:26:04,960

system

573

00:26:08,950 --> 00:26:07,440

on a pyramid of space stations being

574

00:26:11,029 --> 00:26:08,960

serviced by a fleet of shuttles that

575

00:26:12,470 --> 00:26:11,039

went to and from the earth

576

00:26:14,470 --> 00:26:12,480

here we are at the turn of the century

577

00:26:15,909 --> 00:26:14,480

in the 21st century

578

00:26:17,909 --> 00:26:15,919

with a fleet of shuttles that does just

579

00:26:19,909 --> 00:26:17,919

that and a space station that could be

580

00:26:21,909 --> 00:26:19,919

potentially be a platform for leaping

581

00:26:23,350 --> 00:26:21,919

off into the solar system

582

00:26:25,110 --> 00:26:23,360

discovery is one of those workhorse

583

00:26:26,870 --> 00:26:25,120

vessels that got us off on that vision

584

00:26:29,110 --> 00:26:26,880

and has this going to take us into the

585

00:26:31,430 --> 00:26:29,120

future and hopefully we'll be a model

586

00:26:40,630 --> 00:26:31,440

for how we do this later on in the 21st

587

00:26:45,669 --> 00:26:43,029

and as a ship of discovery discovery has

588

00:26:47,510 --> 00:26:45,679

been truly amazing and i was thinking

589

00:26:50,149 --> 00:26:47,520

earlier when we look back

590

00:26:52,310 --> 00:26:50,159

even now at the shipwrights of the 19th

591

00:26:53,750 --> 00:26:52,320

and 18th century and we marvel at the

592

00:26:55,430 --> 00:26:53,760

work they did

593

00:26:57,110 --> 00:26:55,440

in the future when they go back and we

594

00:26:58,470 --> 00:26:57,120

build another vehicle that's as capable

595

00:27:00,310 --> 00:26:58,480

as a space shuttle we're going to look

596

00:27:02,789 --> 00:27:00,320

back at discovery and the engineers the

597

00:27:04,230 --> 00:27:02,799

designers the people maintainer and

598

00:27:06,710 --> 00:27:04,240

we'll have to ask them how in the world

599

00:27:08,630 --> 00:27:06,720

they did that because it's truly amazing

600

00:27:11,510 --> 00:27:08,640

and this vehicle even though it's only

601
00:27:13,350 --> 00:27:11,520
spent a total of 365 days or so on orbit

602
00:27:15,269 --> 00:27:13,360
which is less than those earlier ships

603
00:27:17,190 --> 00:27:15,279
was spent on a single mission

604
00:27:19,029 --> 00:27:17,200
its accomplishments are truly amazing as

605
00:27:20,549 --> 00:27:19,039
the commander noted earlier

606
00:27:21,669 --> 00:27:20,559
and so thinking about it and looking

607
00:27:23,669 --> 00:27:21,679
back

608
00:27:24,470 --> 00:27:23,679
i'm just proud to be a part of this team

609
00:27:35,350 --> 00:27:24,480
and

610
00:27:39,190 --> 00:27:36,870
well i know a lot of sailors out there

611
00:27:40,870 --> 00:27:39,200
are familiar with the term see kindly

612
00:27:43,510 --> 00:27:40,880
you use those words of a vessel that

613
00:27:46,230 --> 00:27:43,520

just is strong and powerful yet easy to

614

00:27:48,389 --> 00:27:46,240

handle and works very well at sea and i

615

00:27:49,830 --> 00:27:48,399

think discovery is that way she's space

616

00:27:51,830 --> 00:27:49,840

kindly if you will

617

00:27:53,990 --> 00:27:51,840

she points where you steer her she hauls

618

00:27:55,909 --> 00:27:54,000

what you put in her hold and she just

619

00:27:58,630 --> 00:27:55,919

performs magnificently it's an

620

00:27:59,750 --> 00:27:58,640

incredibly powerful machine it leaps off

621

00:28:01,110 --> 00:27:59,760

the planet

622

00:28:03,269 --> 00:28:01,120

we were firing the thrusters a little

623

00:28:04,950 --> 00:28:03,279

bit earlier and it's just amazing how

624

00:28:06,630 --> 00:28:04,960

this ship can maneuver

625

00:28:08,549 --> 00:28:06,640

and i think that one of the greatest

626
00:28:10,470 --> 00:28:08,559
legacies is going to be the space

627
00:28:12,389 --> 00:28:10,480
station that we just left when you look

628
00:28:14,549 --> 00:28:12,399
at the space station you think my gosh

629
00:28:17,110 --> 00:28:14,559
that is so big how on earth did we get a

630
00:28:18,870 --> 00:28:17,120
million pounds to orbit well this space

631
00:28:21,190 --> 00:28:18,880
shuttle helped to get a lot of that mass

632
00:28:23,830 --> 00:28:21,200
up there i think the legacy that she

633
00:28:25,750 --> 00:28:23,840
leaves behind is is quite incredible and

634
00:28:28,389 --> 00:28:25,760
all that makes her strong and powerful

635
00:28:30,549 --> 00:28:28,399
and and gives her that see kindly nature

636
00:28:32,310 --> 00:28:30,559
is all the hands that have taken care of

637
00:28:34,549 --> 00:28:32,320
her that fiercely defend her and service

638
00:28:35,990 --> 00:28:34,559

her when she gets back to home port and

639

00:28:37,430 --> 00:28:36,000

even though it's the last time we really

640

00:28:39,830 --> 00:28:37,440

do look forward to bringing her back to

641

00:28:41,750 --> 00:28:39,840

her home port and back into those caring

642

00:28:43,830 --> 00:28:41,760

hands

643

00:28:45,750 --> 00:28:43,840

i think i'll be continuing on a common

644

00:28:47,269 --> 00:28:45,760

theme here but

645

00:28:49,269 --> 00:28:47,279

there's a few words that come to mind

646

00:28:51,430 --> 00:28:49,279

for me when i think about

647

00:28:54,070 --> 00:28:51,440

my own experience with discovery and the

648

00:28:55,669 --> 00:28:54,080

space shuttle program as well as just

649

00:28:57,750 --> 00:28:55,679

you know how we think about the program

650

00:29:01,029 --> 00:28:57,760

itself and that's

651
00:29:03,029 --> 00:29:01,039
a blessing and the words thank you

652
00:29:06,149 --> 00:29:03,039
and uh for me

653
00:29:07,990 --> 00:29:06,159
out of college i was very very fortunate

654
00:29:09,190 --> 00:29:08,000
to be hired on by nasa at the kennedy

655
00:29:11,110 --> 00:29:09,200
space center

656
00:29:13,029 --> 00:29:11,120
and this is over 20 years ago and have

657
00:29:16,149 --> 00:29:13,039
the opportunity to work up close and

658
00:29:18,789 --> 00:29:16,159
personal with these just incredible

659
00:29:22,630 --> 00:29:18,799
indescribably beautiful vehicles and i

660
00:29:24,549 --> 00:29:22,640
have a vivid recollection of

661
00:29:26,470 --> 00:29:24,559
coming to work at ksc one of the first

662
00:29:27,909 --> 00:29:26,480
days and i was very fortunate to be

663
00:29:30,389 --> 00:29:27,919

working in the orbiter processing

664

00:29:31,909 --> 00:29:30,399

facility which is the big hangar where

665

00:29:34,870 --> 00:29:31,919

we take care of

666

00:29:37,110 --> 00:29:34,880

the orbiter part of the space shuttle

667

00:29:39,269 --> 00:29:37,120

and having somebody walk me

668

00:29:41,110 --> 00:29:39,279

into the facility out into the middle of

669

00:29:43,190 --> 00:29:41,120

the floor and asking me if i knew where

670

00:29:44,630 --> 00:29:43,200

the space shuttle was and and i looked

671

00:29:46,149 --> 00:29:44,640

around and you know couldn't see

672

00:29:47,669 --> 00:29:46,159

anything the gear wasn't deployed and i

673

00:29:50,630 --> 00:29:47,679

remember looking up

674

00:29:54,070 --> 00:29:50,640

and seeing this just wall of black tiles

675

00:29:56,870 --> 00:29:54,080

and from that very second being just so

676
00:29:58,470 --> 00:29:56,880
like overwhelmed and impressed by

677
00:30:00,789 --> 00:29:58,480
by the orbiter

678
00:30:02,389 --> 00:30:00,799
and um

679
00:30:03,990 --> 00:30:02,399
i'd like to just say thank you to all

680
00:30:06,230 --> 00:30:04,000
the people who have

681
00:30:08,470 --> 00:30:06,240
taken such great care care of her of

682
00:30:10,950 --> 00:30:08,480
discovery and the other space shuttles

683
00:30:12,870 --> 00:30:10,960
and um making it a safe place for us to

684
00:30:14,310 --> 00:30:12,880
live and work up here

685
00:30:16,789 --> 00:30:14,320
and uh

686
00:30:20,389 --> 00:30:16,799
i yeah there's there's tears coming so i

687
00:30:22,630 --> 00:30:20,399
will uh i'll stop very soon but i um

688
00:30:24,630 --> 00:30:22,640

i'm looking forward like mike said to

689

00:30:25,830 --> 00:30:24,640

bringing her home to the people who care

690

00:30:29,110 --> 00:30:25,840

for her most

691

00:30:30,950 --> 00:30:29,120

and to um the time when we're on that

692

00:30:32,789 --> 00:30:30,960

runway and we can look back and still

693

00:30:36,470 --> 00:30:32,799

see her standing on her own gear with

694

00:30:38,149 --> 00:30:36,480

her her own proud wings holding her up

695

00:30:40,389 --> 00:30:38,159

before she goes back to that hangar for