



1
00:06:14,870 --> 00:06:12,390
three three

2
00:06:17,430 --> 00:06:14,880
two engine sequence start

3
00:06:40,390 --> 00:06:17,440
zero launch commit we have a lift off

4
00:07:02,469 --> 00:06:41,350
roger

5
00:07:11,749 --> 00:07:05,189
both control centers moscow and houston

6
00:07:14,550 --> 00:07:13,749
apollo houston i got two messages for

7
00:07:16,950 --> 00:07:14,560
you

8
00:07:19,830 --> 00:07:16,960
moscow is go for docking houston is go

9
00:07:21,589 --> 00:07:19,840
for docking it's up to you guys have fun

10
00:07:25,110 --> 00:07:21,599
all right it sounds good

11
00:07:27,029 --> 00:07:25,120
palomino relaxing

12
00:07:38,790 --> 00:07:27,039
system is ready

13
00:07:38,800 --> 00:07:55,830

less than five meters distance

14

00:07:55,840 --> 00:08:08,070

contact

15

00:08:08,080 --> 00:08:36,870

they are looking forward now

16

00:08:39,670 --> 00:08:38,630

okay turn on the camera hit the remote

17

00:08:40,469 --> 00:08:39,680

okay

18

00:08:42,630 --> 00:08:40,479

here

19

00:08:44,790 --> 00:08:42,640

okay

20

00:08:52,550 --> 00:08:44,800

glad to see you

21

00:08:52,560 --> 00:08:58,550

is

22

00:09:02,790 --> 00:09:01,269

new possibilities are opening up

23

00:09:04,470 --> 00:09:02,800

for

24

00:09:06,230 --> 00:09:04,480

fruitful development of scientific

25

00:09:09,509 --> 00:09:06,240

cooperation between countries and the

26

00:09:12,710 --> 00:09:09,519

peoples in the interests of of peace

27

00:09:14,070 --> 00:09:12,720

and progress of all humanity i wish you

28

00:09:15,269 --> 00:09:14,080

successful

29

00:09:17,829 --> 00:09:15,279

completion

30

00:09:19,590 --> 00:09:17,839

of the planned program

31

00:09:28,470 --> 00:09:19,600

and a safe

32

00:09:33,430 --> 00:09:29,750

let me

33

00:09:36,550 --> 00:09:33,440

call to express my very great admiration

34

00:09:37,990 --> 00:09:36,560

for your hard work your total dedication

35

00:09:40,790 --> 00:09:38,000

in preparing

36

00:09:43,829 --> 00:09:40,800

for this first joint flight

37

00:09:47,190 --> 00:09:43,839

it's taken us many years to open this

38

00:09:49,750 --> 00:09:47,200

door to useful cooperation in space

39

00:09:50,949 --> 00:09:49,760

between our two countries and i'm

40

00:09:54,310 --> 00:09:50,959

confident

41

00:09:56,310 --> 00:09:54,320

that today is not far off when

42

00:09:57,910 --> 00:09:56,320

space missions made

43

00:10:00,870 --> 00:09:57,920

possible

44

00:10:04,310 --> 00:10:00,880

by this first joint effort

45

00:10:07,750 --> 00:10:04,320

will be more or less commonplace

46

00:10:10,790 --> 00:10:07,760

and may i say in signing off here's to a

47

00:10:12,630 --> 00:10:10,800

soft landing thank you very much

48

00:10:14,069 --> 00:10:12,640

thank you mr president

49

00:10:15,829 --> 00:10:14,079

the total

50

00:10:18,389 --> 00:10:15,839

system we have demonstrated here the new

51
00:10:20,870 --> 00:10:18,399
docking device the rendezvous system

52
00:10:23,269 --> 00:10:20,880
using techniques in both countries the

53
00:10:25,030 --> 00:10:23,279
communications procedures and techniques

54
00:10:27,269 --> 00:10:25,040
could be available in the future if

55
00:10:28,790 --> 00:10:27,279
required not on an instance notice but

56
00:10:31,590 --> 00:10:28,800
it could be available

57
00:10:33,910 --> 00:10:31,600
so i think we have taken a great step

58
00:10:35,590 --> 00:10:33,920
that indeed we have opened a new era in

59
00:11:50,230 --> 00:10:35,600
the history of man on this

60
00:11:55,670 --> 00:11:53,350
99 hours 29 minutes phase elapsed time

61
00:11:57,670 --> 00:11:55,680
flight director frank littleton

62
00:11:59,350 --> 00:11:57,680
pulsing his flight controllers ecom

63
00:12:01,269 --> 00:11:59,360

reports everything looks fine

64

00:12:03,829 --> 00:12:01,279

go for the burn

65

00:12:05,269 --> 00:12:03,839

okay everything's up great up here

66

00:12:06,710 --> 00:12:05,279

the only thing we're concerned about is

67

00:12:09,509 --> 00:12:06,720

that you've got all your splashdown

68

00:12:11,269 --> 00:12:09,519

parties coordinated over well i've

69

00:12:50,310 --> 00:12:11,279

been working on that

70

00:12:54,870 --> 00:12:52,389

you and valerie kubassoff were selected

71

00:12:57,590 --> 00:12:54,880

for a project that many would say was as

72

00:12:58,389 --> 00:12:57,600

significant as perhaps landing on the

73

00:13:00,949 --> 00:12:58,399

moon

74

00:13:04,550 --> 00:13:00,959

that to link up your soyuz vehicle with

75

00:13:06,790 --> 00:13:04,560

the american apollo spacecraft in this

76

00:13:09,430 --> 00:13:06,800

technical concept and a

77

00:13:11,590 --> 00:13:09,440

born out of a political gesture and a

78

00:13:13,910 --> 00:13:11,600

technical demonstration

79

00:13:14,949 --> 00:13:13,920

what did you think

80

00:13:17,190 --> 00:13:14,959

of

81

00:13:19,190 --> 00:13:17,200

this project what its goals were and

82

00:13:21,910 --> 00:13:19,200

what you thought the accomplishments

83

00:13:27,590 --> 00:13:21,920

would be when you and valerie were

84

00:13:30,949 --> 00:13:30,310

i can only say that i'm very glad

85

00:13:32,230 --> 00:13:30,959

that

86

00:13:34,389 --> 00:13:32,240

the

87

00:13:36,790 --> 00:13:34,399

government

88

00:13:39,430 --> 00:13:36,800

uh while addressing

89

00:13:41,189 --> 00:13:39,440

different countries yes our government

90

00:13:42,389 --> 00:13:41,199

said that the crew

91

00:13:44,150 --> 00:13:42,399

performed

92

00:13:47,030 --> 00:13:44,160

flawlessly

93

00:13:49,110 --> 00:13:47,040

flawless that's the actual word that

94

00:13:49,990 --> 00:13:49,120

they used

95

00:13:53,670 --> 00:13:50,000

and

96

00:13:56,069 --> 00:13:53,680

we should not forget about the specifics

97

00:13:57,910 --> 00:13:56,079

of that particular time

98

00:14:00,470 --> 00:13:57,920

cold war

99

00:14:15,269 --> 00:14:00,480

the humankind was

100

00:14:19,269 --> 00:14:17,670

understood the situation that was going

101
00:14:21,430 --> 00:14:19,279
on on the ground

102
00:14:25,110 --> 00:14:21,440
and they managed to

103
00:14:28,710 --> 00:14:25,120
make certain steps to have fixed this

104
00:14:29,750 --> 00:14:28,720
situation to grow some seed of trust

105
00:14:31,509 --> 00:14:29,760
that

106
00:14:33,990 --> 00:14:31,519
people managed to

107
00:14:37,350 --> 00:14:34,000
treat each other differently i think

108
00:14:39,990 --> 00:14:37,360
this program turned out to be a lot more

109
00:14:42,470 --> 00:14:40,000
important for our countries and

110
00:14:43,509 --> 00:14:42,480
particularly the political aspects

111
00:14:47,110 --> 00:14:43,519
because

112
00:14:49,990 --> 00:14:47,120
six billion people were watching us and

113
00:14:52,949 --> 00:14:50,000

they could realize that there is a way

114

00:14:55,509 --> 00:14:52,959

to live differently there is a way to

115

00:14:57,189 --> 00:14:55,519

deal with each other in a different

116

00:14:58,870 --> 00:14:57,199

manner well actually you and your

117

00:15:00,710 --> 00:14:58,880

crewmates um

118

00:15:02,710 --> 00:15:00,720

felt at the time

119

00:15:06,230 --> 00:15:02,720

that you were about to do something very

120

00:15:10,389 --> 00:15:06,240

significant i think that would change

121

00:15:12,470 --> 00:15:10,399

u.s russian relations didn't you

122

00:15:15,030 --> 00:15:12,480

that's exactly what it was

123

00:15:17,030 --> 00:15:15,040

i strongly felt that i

124

00:15:19,990 --> 00:15:17,040

received a task

125

00:15:22,629 --> 00:15:20,000

which was uh really

126

00:15:25,030 --> 00:15:22,639

a task with huge magnitude

127

00:15:28,389 --> 00:15:25,040

we were supposed to show the entire

128

00:15:30,870 --> 00:15:28,399

world that we are human beings

129

00:15:35,110 --> 00:15:30,880

that we work together in the most

130

00:15:38,230 --> 00:15:35,120

sophisticated area of human activities

131

00:15:40,470 --> 00:15:38,240

it was a very important task and the

132

00:15:42,790 --> 00:15:40,480

rest of the people involved in the

133

00:15:45,990 --> 00:15:42,800

preparations for this flight they were

134

00:15:48,389 --> 00:15:46,000

thinking exactly along the same lines

135

00:15:50,389 --> 00:15:48,399

and there were thousands literally

136

00:15:52,470 --> 00:15:50,399

thousands of people in both countries

137

00:15:54,949 --> 00:15:52,480

who were involved and they made

138

00:15:57,910 --> 00:15:54,959

everything they could and made it really

139

00:16:01,030 --> 00:15:57,920

conducive for us to succeed

140

00:16:03,829 --> 00:16:01,040

and prior to the launch and during the

141

00:16:06,790 --> 00:16:03,839

during the docking and everything was

142

00:16:10,629 --> 00:16:06,800

designed on the ground

143

00:16:13,350 --> 00:16:10,639

between our countries and our respective

144

00:16:16,230 --> 00:16:13,360

experts from both countries which

145

00:16:19,189 --> 00:16:16,240

let us actually succeed

146

00:16:21,910 --> 00:16:19,199

alex many many people say that the

147

00:16:23,590 --> 00:16:21,920

close personal bond that you forged with

148

00:16:25,990 --> 00:16:23,600

tom stafford

149

00:16:28,150 --> 00:16:26,000

was the key to the success of apollo

150

00:16:30,150 --> 00:16:28,160

soyuz

151
00:16:31,829 --> 00:16:30,160
you call each other brothers to this day

152
00:16:33,269 --> 00:16:31,839
you correspond with one another

153
00:16:34,550 --> 00:16:33,279
frequently you talk to one another

154
00:16:37,269 --> 00:16:34,560
frequently

155
00:16:40,150 --> 00:16:37,279
what was the most important factor that

156
00:16:42,949 --> 00:16:40,160
emerged from your personality

157
00:16:44,150 --> 00:16:42,959
tom stafford's personality that created

158
00:16:46,389 --> 00:16:44,160
a friendship

159
00:16:48,470 --> 00:16:46,399
and a bond that made this mission

160
00:16:52,389 --> 00:16:48,480
successful and

161
00:16:52,399 --> 00:16:56,550
way prior to soyuz

162
00:17:03,829 --> 00:17:00,310
just pretty much like media always do

163
00:17:06,390 --> 00:17:03,839

they select the best players

164

00:17:08,150 --> 00:17:06,400
during the hockey tournament

165

00:17:10,150 --> 00:17:08,160
or the best

166

00:17:10,949 --> 00:17:10,160
crew members

167

00:17:13,110 --> 00:17:10,959
that

168

00:17:13,829 --> 00:17:13,120
deserve flying

169

00:17:16,549 --> 00:17:13,839
and

170

00:17:27,189 --> 00:17:16,559
when we have started

171

00:17:32,630 --> 00:17:29,510
as a best crew and i met him for the

172

00:17:33,909 --> 00:17:32,640
first time in 1970

173

00:17:36,310 --> 00:17:33,919
he

174

00:17:39,510 --> 00:17:36,320
came to russia to

175

00:17:41,750 --> 00:17:39,520
be in moscow during the funeral of my

176

00:17:45,430 --> 00:17:41,760

backup crew the bravolsky volca van

177

00:17:47,430 --> 00:17:45,440

passaive he he decided to come to moscow

178

00:17:49,909 --> 00:17:47,440

by himself although

179

00:17:52,630 --> 00:17:49,919

the state department

180

00:17:54,630 --> 00:17:52,640

did not allow him to do so

181

00:17:57,270 --> 00:17:54,640

and those kinds of things used to be

182

00:17:58,710 --> 00:17:57,280

frowned upon back then but he came to

183

00:18:01,270 --> 00:17:58,720

moscow anyway

184

00:18:07,350 --> 00:18:04,470

i was asked to join him and to spend

185

00:18:09,590 --> 00:18:07,360

more time with him

186

00:18:11,830 --> 00:18:09,600

while in moscow and i started taking

187

00:18:13,510 --> 00:18:11,840

care of him

188

00:18:15,510 --> 00:18:13,520

he's been calling me a brother for a

189

00:18:19,110 --> 00:18:15,520

long long time

190

00:18:20,549 --> 00:18:19,120

and i don't have any close relatives no

191

00:18:23,510 --> 00:18:20,559

no parents

192

00:18:24,390 --> 00:18:23,520

they all are gone

193

00:18:28,150 --> 00:18:24,400

and

194

00:18:29,350 --> 00:18:28,160

when you have all of a sudden a brother

195

00:18:30,789 --> 00:18:29,360

it's uh

196

00:18:33,510 --> 00:18:30,799

it just makes

197

00:18:40,470 --> 00:18:36,870

for me and we have common children i

198

00:18:42,630 --> 00:18:40,480

helped tom adopt two sons from russia

199

00:18:44,549 --> 00:18:42,640

and now they are grown up guys they are

200

00:18:47,270 --> 00:18:44,559

students

201
00:18:49,110 --> 00:18:47,280
their surname is stafford

202
00:18:50,630 --> 00:18:49,120
my

203
00:18:53,510 --> 00:18:50,640
granddaughter

204
00:18:54,310 --> 00:18:53,520
his name is karina just the same way as

205
00:19:00,870 --> 00:18:54,320
uh

206
00:19:03,430 --> 00:19:00,880
lot in common we meet

207
00:19:06,310 --> 00:19:03,440
two three times a year

208
00:19:09,350 --> 00:19:06,320
alexa when you look back at

209
00:19:10,789 --> 00:19:09,360
apollo soyuz four decades ago

210
00:19:13,029 --> 00:19:10,799
you look today at the international

211
00:19:14,710 --> 00:19:13,039
space station which many people

212
00:19:18,310 --> 00:19:14,720
believe would not have been possible

213
00:19:20,390 --> 00:19:18,320

without apollo soyuz what do you see

214

00:19:22,070 --> 00:19:20,400

as the legacy

215

00:19:25,669 --> 00:19:22,080

of your career

216

00:19:29,750 --> 00:19:25,679

that particular flight and where are we

217

00:19:41,270 --> 00:19:32,870

after our flight

218

00:19:45,110 --> 00:19:42,950

they have done everything very

219

00:19:47,830 --> 00:19:45,120

accurately

220

00:19:48,950 --> 00:19:47,840

which was basically the continuation of

221

00:19:51,110 --> 00:19:48,960

what we

222

00:19:53,190 --> 00:19:51,120

have started

223

00:19:54,470 --> 00:19:53,200

and it was a part of a cooperation

224

00:19:55,909 --> 00:19:54,480

between

225

00:19:57,990 --> 00:19:55,919

you uh

226
00:20:00,549 --> 00:19:58,000
sa and russia

227
00:20:02,149 --> 00:20:00,559
and then we logically arrived at the

228
00:20:03,750 --> 00:20:02,159
idea of putting together an

229
00:20:07,909 --> 00:20:03,760
international

230
00:20:13,270 --> 00:20:07,919
space station 400 tons of weight

231
00:20:18,070 --> 00:20:13,280
one and a half hectare of solar arrays

232
00:20:19,830 --> 00:20:18,080
thousand cubic meters of habitable space

233
00:20:20,789 --> 00:20:19,840
russian

234
00:20:22,070 --> 00:20:20,799
u.s

235
00:20:29,590 --> 00:20:22,080
segment

236
00:20:33,510 --> 00:20:29,600
this is the area where we have permanent

237
00:20:36,149 --> 00:20:33,520
presence of three to six crew members

238
00:20:39,110 --> 00:20:36,159

at all times and we used to have as many

239

00:20:41,190 --> 00:20:39,120

as nine crew members at some point and

240

00:20:43,990 --> 00:20:41,200

this is continuation of what we have

241

00:20:45,590 --> 00:20:44,000

been doing all our lives and i was

242

00:20:47,669 --> 00:20:45,600

actively working

243

00:20:49,350 --> 00:20:47,679

in the area of training of those crew

244

00:20:51,029 --> 00:20:49,360

members eventually

245

00:20:52,870 --> 00:20:51,039

getting into the international space

246

00:20:54,710 --> 00:20:52,880

station we're honored today to be joined

247

00:20:56,470 --> 00:20:54,720

by general tom stafford a legendary

248

00:20:59,190 --> 00:20:56,480

figure in human space flight history

249

00:21:00,870 --> 00:20:59,200

commander of apollo soyuz whose 40th

250

00:21:03,110 --> 00:21:00,880

anniversary is coming up here very

251
00:21:05,190 --> 00:21:03,120
shortly what did you think about apollo

252
00:21:06,710 --> 00:21:05,200
soyuz when it was first proposed and

253
00:21:08,310 --> 00:21:06,720
what did what did you think the ultimate

254
00:21:11,270 --> 00:21:08,320
objective would be

255
00:21:13,110 --> 00:21:11,280
i wasn't thinking so much where how far

256
00:21:14,870 --> 00:21:13,120
away down the road it would lead

257
00:21:16,390 --> 00:21:14,880
as i was

258
00:21:17,990 --> 00:21:16,400
well we can demonstrate

259
00:21:19,590 --> 00:21:18,000
to the world

260
00:21:21,909 --> 00:21:19,600
that two countries

261
00:21:23,830 --> 00:21:21,919
with different languages

262
00:21:25,830 --> 00:21:23,840
different units of measurements and

263
00:21:27,750 --> 00:21:25,840

certainly vastly

264

00:21:29,190 --> 00:21:27,760

different political

265

00:21:31,830 --> 00:21:29,200

systems

266

00:21:33,430 --> 00:21:31,840

could work together for a common goal

267

00:21:35,350 --> 00:21:33,440

but this would be a good

268

00:21:36,310 --> 00:21:35,360

thing it could demonstrate and

269

00:21:38,230 --> 00:21:36,320

help

270

00:21:41,350 --> 00:21:38,240

a lot of understanding

271

00:21:43,669 --> 00:21:41,360

in the world on what we're doing

272

00:21:46,549 --> 00:21:43,679

because of the close personal bond that

273

00:21:48,310 --> 00:21:46,559

you and alexi leonov forged

274

00:21:50,950 --> 00:21:48,320

many say that that was the ultimate

275

00:21:53,029 --> 00:21:50,960

success to apollo soyuz what was the

276
00:21:54,390 --> 00:21:53,039
most imp important factor between the

277
00:21:56,070 --> 00:21:54,400
two of you

278
00:21:58,230 --> 00:21:56,080
that emerged

279
00:21:59,909 --> 00:21:58,240
that bonded a friendship like no other

280
00:22:01,190 --> 00:21:59,919
we've ever seen in human space flight

281
00:22:02,310 --> 00:22:01,200
history

282
00:22:04,950 --> 00:22:02,320
knowing that

283
00:22:07,510 --> 00:22:04,960
this mission had to be a success

284
00:22:10,070 --> 00:22:07,520
and all that just our personalities it

285
00:22:12,070 --> 00:22:10,080
worked out great and today i consider

286
00:22:13,270 --> 00:22:12,080
alexi like a brother to me i was an only

287
00:22:14,149 --> 00:22:13,280
child

288
00:22:16,390 --> 00:22:14,159

so

289

00:22:17,190 --> 00:22:16,400

i call him boy brought

290

00:22:18,789 --> 00:22:17,200

and

291

00:22:20,230 --> 00:22:18,799

tell you how close the friendship has

292

00:22:22,230 --> 00:22:20,240

gotten

293

00:22:23,830 --> 00:22:22,240

his granddaughter

294

00:22:26,470 --> 00:22:23,840

was named karine

295

00:22:28,950 --> 00:22:26,480

and that's the name after my daughter

296

00:22:29,830 --> 00:22:28,960

and when my oldest daughter had her last

297

00:22:31,110 --> 00:22:29,840

boy

298

00:22:33,590 --> 00:22:31,120

her last son

299

00:22:35,750 --> 00:22:33,600

she named him alexi

300

00:22:37,029 --> 00:22:35,760

you were the master of rendezvous you

301
00:22:38,950 --> 00:22:37,039
had pulled off

302
00:22:40,630 --> 00:22:38,960
a number of rendezvous during gemini and

303
00:22:43,190 --> 00:22:40,640
apollo of course

304
00:22:45,110 --> 00:22:43,200
so from that aspect i don't think you

305
00:22:47,510 --> 00:22:45,120
believed that that was going to be a big

306
00:22:49,350 --> 00:22:47,520
issue what did you think

307
00:22:51,270 --> 00:22:49,360
was going to be the most intricate part

308
00:22:53,350 --> 00:22:51,280
of this mission from a technical

309
00:22:58,149 --> 00:22:53,360
standpoint

310
00:22:59,029 --> 00:22:58,159
uh two things

311
00:23:01,590 --> 00:22:59,039
one

312
00:23:06,149 --> 00:23:01,600
they flew at an atmosphere of sea level

313
00:23:08,789 --> 00:23:06,159

pressure you know 21 oxygen uh 79

314

00:23:12,070 --> 00:23:08,799

nitrogen where we flew with five pounds

315

00:23:14,070 --> 00:23:12,080

per square inch total of pure oxygen

316

00:23:15,430 --> 00:23:14,080

and then how we had to work this

317

00:23:17,669 --> 00:23:15,440

together

318

00:23:20,149 --> 00:23:17,679

and so that's where the docking module

319

00:23:22,149 --> 00:23:20,159

came in good we also use it as an

320

00:23:24,549 --> 00:23:22,159

airlock to go up and down and we got

321

00:23:26,950 --> 00:23:24,559

them to lower their pressure down

322

00:23:29,270 --> 00:23:26,960

you know over a period of two days to 10

323

00:23:31,029 --> 00:23:29,280

the lower 10 pounds and this doesn't

324

00:23:32,870 --> 00:23:31,039

hurt you just regular

325

00:23:35,909 --> 00:23:32,880

atmospheric mixture

326

00:23:38,549 --> 00:23:35,919

so that would that was uh one thing the

327

00:23:40,950 --> 00:23:38,559

other one was on the docking mechanism

328

00:23:43,190 --> 00:23:40,960

you know the main thing was not the

329

00:23:44,390 --> 00:23:43,200

engaged part but the latching and the

330

00:23:46,950 --> 00:23:44,400

whole board

331

00:23:48,390 --> 00:23:46,960

but it worked out beautiful

332

00:23:50,549 --> 00:23:48,400

and of course on the other side of the

333

00:23:52,789 --> 00:23:50,559

coin never far

334

00:23:55,430 --> 00:23:52,799

away was the whole importance of the

335

00:23:57,669 --> 00:23:55,440

political aspect of this and

336

00:23:59,990 --> 00:23:57,679

i just can't even imagine how you and

337

00:24:02,830 --> 00:24:00,000

your crewmates dealt with the political

338

00:24:05,909 --> 00:24:02,840

pressure of making this a success

339

00:24:07,350 --> 00:24:05,919

well what we said

340

00:24:08,310 --> 00:24:07,360

we taught

341

00:24:09,430 --> 00:24:08,320

thought

342

00:24:11,110 --> 00:24:09,440

that this

343

00:24:12,149 --> 00:24:11,120

would be

344

00:24:15,190 --> 00:24:12,159

you know

345

00:24:17,669 --> 00:24:15,200

just like a standard mission

346

00:24:18,870 --> 00:24:17,679

you think just like a test pilot

347

00:24:19,990 --> 00:24:18,880

and

348

00:24:25,510 --> 00:24:20,000

so

349

00:24:26,310 --> 00:24:25,520

side we kept politics completely out of

350

00:24:30,310 --> 00:24:26,320

it

351
00:24:33,669 --> 00:24:30,320
the mission

352
00:24:35,190 --> 00:24:33,679
and we're going to make it a success

353
00:24:36,470 --> 00:24:35,200
and then there's a moment of history

354
00:24:38,950 --> 00:24:36,480
docking

355
00:24:40,549 --> 00:24:38,960
so the two vehicles dock

356
00:24:43,269 --> 00:24:40,559
you're joined together first time in

357
00:24:46,149 --> 00:24:43,279
history did you feel at that point a

358
00:24:48,549 --> 00:24:46,159
sense of history at all no the main

359
00:24:49,830 --> 00:24:48,559
thing was to be sure with dot we got

360
00:24:53,430 --> 00:24:49,840
soft dock

361
00:24:55,110 --> 00:24:53,440
and i i greased it in just right on

362
00:24:57,269 --> 00:24:55,120
so there and then we had to have the

363
00:24:59,830 --> 00:24:57,279

hard dock with the other the la to

364

00:25:00,470 --> 00:24:59,840

retract then those lights just pull in

365

00:25:01,830 --> 00:25:00,480

and

366

00:25:05,750 --> 00:25:01,840

snap

367

00:25:09,350 --> 00:25:05,760

and we got a maturing or solid

368

00:25:11,830 --> 00:25:09,360

and so the hatch is open there's alexi

369

00:25:14,310 --> 00:25:11,840

and you both seem to be a bit reluctant

370

00:25:17,350 --> 00:25:14,320

to move toward one another until you all

371

00:25:19,990 --> 00:25:17,360

coaxed each other to shake hands

372

00:25:21,830 --> 00:25:20,000

what a moment was that one of the

373

00:25:24,630 --> 00:25:21,840

the greatest moments of your space

374

00:25:25,990 --> 00:25:24,640

flight career at that point

375

00:25:29,190 --> 00:25:26,000

i think so

376

00:25:29,990 --> 00:25:29,200

i i've had several great moments you

377

00:25:32,950 --> 00:25:30,000

know

378

00:25:34,549 --> 00:25:32,960

doing the first rendezvous in space

379

00:25:38,149 --> 00:25:34,559

first

380

00:25:40,390 --> 00:25:38,159

to go around the moon

381

00:25:42,149 --> 00:25:40,400

uh gene cernan's first space walk

382

00:25:43,430 --> 00:25:42,159

getting him back in was a great moment

383

00:25:44,549 --> 00:25:43,440

i'll tell you

384

00:25:48,149 --> 00:25:44,559

and

385

00:25:50,230 --> 00:25:48,159

so there's a few ones definitely

386

00:25:52,070 --> 00:25:50,240

you're right that that was really one of

387

00:25:53,110 --> 00:25:52,080

the great moments

388

00:25:54,950 --> 00:25:53,120

but again

389

00:25:57,510 --> 00:25:54,960

no thought of politics at that point

390

00:25:59,430 --> 00:25:57,520

here here an american and a soviet

391

00:26:01,830 --> 00:25:59,440

former adversaries are shaking hands in

392

00:26:04,230 --> 00:26:01,840

space together did you not feel

393

00:26:05,750 --> 00:26:04,240

some political accomplishment as well as

394

00:26:09,110 --> 00:26:05,760

just the technical

395

00:26:12,549 --> 00:26:09,120

amazing aspect of reaching this good

396

00:26:19,190 --> 00:26:15,269

now for some reason politics because to

397

00:26:21,110 --> 00:26:19,200

me here was a kind of a fellow crewman

398

00:26:23,590 --> 00:26:21,120

and also his

399

00:26:25,350 --> 00:26:23,600

other person valeri who had worked hard

400

00:26:28,870 --> 00:26:25,360

with us for two years

401
00:26:33,590 --> 00:26:28,880
and we'd accomplished it we'd done it

402
00:26:39,350 --> 00:26:36,230
you know this mission on apollo soyuz 40

403
00:26:41,990 --> 00:26:39,360
years ago is still considered by many

404
00:26:43,990 --> 00:26:42,000
almost universally as the key the

405
00:26:45,510 --> 00:26:44,000
birthplace if you will to the

406
00:26:47,909 --> 00:26:45,520
development and construction of the

407
00:26:49,750 --> 00:26:47,919
international space station

408
00:26:50,789 --> 00:26:49,760
did you ever believe that a laboratory

409
00:26:53,190 --> 00:26:50,799
of that

410
00:26:54,630 --> 00:26:53,200
magnitude and capability a city in the

411
00:26:56,149 --> 00:26:54,640
sky if you will

412
00:26:58,950 --> 00:26:56,159
could be built and operated on a

413
00:27:01,750 --> 00:26:58,960

permanently occupied basis

414

00:27:03,909 --> 00:27:01,760

no i knew we'd do things in the future

415

00:27:06,149 --> 00:27:03,919

i was very optimistic we'd go on and do

416

00:27:07,510 --> 00:27:06,159

some more things like the shuttle was

417

00:27:09,990 --> 00:27:07,520

planned

418

00:27:11,750 --> 00:27:10,000

and we'd have maybe a shuttle to a sius

419

00:27:13,830 --> 00:27:11,760

or maybe a new spacecraft would do

420

00:27:16,310 --> 00:27:13,840

something like that but

421

00:27:19,750 --> 00:27:16,320

to the magnitude that the space station

422

00:27:22,310 --> 00:27:19,760

is today nearly a million pounds and

423

00:27:23,830 --> 00:27:22,320

15 countries working together

424

00:27:25,990 --> 00:27:23,840

no i didn't

425

00:27:27,990 --> 00:27:26,000

think that i because you know just the

426

00:27:29,909 --> 00:27:28,000

united states and the russians that was

427

00:27:32,070 --> 00:27:29,919

part of me the soviet union was the only

428

00:27:33,029 --> 00:27:32,080

one that had the capability

429

00:27:36,310 --> 00:27:33,039

so

430

00:27:38,710 --> 00:27:36,320

but i think it's wonderful and i'm very

431

00:27:41,590 --> 00:27:38,720

glad honored i'm still involved

432

00:27:47,110 --> 00:27:44,630

the program and i chair the advisory

433

00:27:48,870 --> 00:27:47,120

committee for the

434

00:27:51,190 --> 00:27:48,880

international space station that's for

435

00:27:52,789 --> 00:27:51,200

safety and operational readiness and

436

00:27:55,269 --> 00:27:52,799

it's really started out with shallow

437

00:27:57,029 --> 00:27:55,279

mirror which was a natural extension

438

00:28:00,230 --> 00:27:57,039

and then from shalomer to the

439

00:28:03,750 --> 00:28:00,240

international space station

440

00:28:05,590 --> 00:28:03,760

this fall will mark the 15th anniversary

441

00:28:07,750 --> 00:28:05,600

of a permanent human occupancy on the

442

00:28:09,430 --> 00:28:07,760

space station which is remarkable in its

443

00:28:12,070 --> 00:28:09,440

own right

444

00:28:14,470 --> 00:28:12,080

as you look back

445

00:28:16,389 --> 00:28:14,480

in in the home stretch of the first two

446

00:28:17,990 --> 00:28:16,399

decades of the space station

447

00:28:20,310 --> 00:28:18,000

what do you think is the most important

448

00:28:22,470 --> 00:28:20,320

accomplishment of this complex this this

449

00:28:24,149 --> 00:28:22,480

global project

450

00:28:26,230 --> 00:28:24,159

well

451
00:28:28,470 --> 00:28:26,240
to me the most important

452
00:28:30,070 --> 00:28:28,480
part is bringing these 15 countries

453
00:28:32,789 --> 00:28:30,080
together

454
00:28:33,750 --> 00:28:32,799
and having been able to agree to work on

455
00:28:35,110 --> 00:28:33,760
things

456
00:28:38,070 --> 00:28:35,120
and see how

457
00:28:41,110 --> 00:28:38,080
in a way how flawlessly it's gone

458
00:28:43,430 --> 00:28:41,120
i look back now in a perspective back

459
00:28:45,190 --> 00:28:43,440
say over my shoulder in history

460
00:28:47,909 --> 00:28:45,200
so i think it's it was really wonderful

461
00:28:50,470 --> 00:28:47,919
i had the opportunity to work with alexi

462
00:28:53,029 --> 00:28:50,480
leonov and vlory kbasov

463
00:28:53,830 --> 00:28:53,039

the other soviet peoples now russian