



1
00:01:31,600 --> 00:02:27,430
so

2
00:02:32,390 --> 00:02:29,830
and buenos dias atlantis uh

3
00:02:35,190 --> 00:02:32,400
uh carlos and about two revs it'll be a

4
00:02:45,430 --> 00:02:35,200
good pass over peru unfortunately it'll

5
00:02:49,270 --> 00:02:47,750
hey good morning bill and

6
00:02:50,869 --> 00:02:49,280
thank you for playing the national

7
00:02:52,790 --> 00:02:50,879
anthem there i hadn't heard that uh

8
00:02:54,390 --> 00:02:52,800
since i was down there last summer and

9
00:02:56,229 --> 00:02:54,400
unfortunately it will be dark but i got

10
00:02:58,550 --> 00:02:56,239
a good debut

11
00:03:09,270 --> 00:02:58,560
together uh night just before we fell

12
00:03:13,430 --> 00:03:10,949
okay and i uh mike and i have been

13
00:03:16,470 --> 00:03:13,440

transitioning uh and having some good

14

00:03:18,869 --> 00:03:16,480

pass down mike is very well situated

15

00:03:22,390 --> 00:03:18,879

specters in perfect order

16

00:03:24,229 --> 00:03:22,400

and uh we've i think on this mission

17

00:03:26,149 --> 00:03:24,239

i've done it both ways we've got shuttle

18

00:03:27,750 --> 00:03:26,159

in good order and we also have mike in

19

00:03:29,910 --> 00:03:27,760

good order on mirror

20

00:03:32,710 --> 00:03:29,920

uh we're just doing a few loose ends and

21

00:03:34,869 --> 00:03:32,720

a review of what's already been covered

22

00:03:36,550 --> 00:03:34,879

and so we're in very good shape and good

23

00:03:41,270 --> 00:03:36,560

job everybody on the ground that helps

24

00:03:50,789 --> 00:03:42,630

thanks jerry we'll pass along those

25

00:03:55,429 --> 00:03:52,550

joining us from the the space have

26
00:03:56,789 --> 00:03:55,439
module on the space shuttle ten people

27
00:03:58,550 --> 00:03:56,799
who consider themselves among the

28
00:04:00,710 --> 00:03:58,560
luckiest in the world today the joint

29
00:04:02,390 --> 00:04:00,720
crew of mir and shuttle atlantis shuttle

30
00:04:04,710 --> 00:04:02,400
commander charlie precourt ground

31
00:04:06,390 --> 00:04:04,720
controllers ground controllers tell us

32
00:04:08,550 --> 00:04:06,400
both the spaceships are working well

33
00:04:11,190 --> 00:04:08,560
together what's your assessment of the

34
00:04:16,150 --> 00:04:11,200
health of mir now compared to what you

35
00:04:19,110 --> 00:04:17,590
well let's see uh

36
00:04:21,030 --> 00:04:19,120
you know the mirror has gone through a

37
00:04:23,189 --> 00:04:21,040
few uh maintenance problems here in the

38
00:04:24,870 --> 00:04:23,199

recent uh few months as everyone is

39

00:04:27,030 --> 00:04:24,880

aware

40

00:04:28,629 --> 00:04:27,040

i could compare it for you with what i

41

00:04:31,430 --> 00:04:28,639

experienced a couple of years ago when i

42

00:04:32,870 --> 00:04:31,440

docked with the mission of sts-71

43

00:04:35,350 --> 00:04:32,880

i would say that it is not much

44

00:04:37,830 --> 00:04:35,360

different overall and with the exception

45

00:04:39,430 --> 00:04:37,840

that they've added two more modules

46

00:04:41,030 --> 00:04:39,440

they have more volume but they have also

47

00:04:42,790 --> 00:04:41,040

more equipment on board now i'd say the

48

00:04:43,830 --> 00:04:42,800

health is in really good shape at this

49

00:04:45,430 --> 00:04:43,840

point

50

00:04:47,270 --> 00:04:45,440

and they've recovered nicely from the

51
00:04:49,030 --> 00:04:47,280
failures of the last couple of months

52
00:04:51,430 --> 00:04:49,040
well that's that's certainly good news

53
00:04:52,790 --> 00:04:51,440
eileen collins you're the shuttle pilot

54
00:04:54,870 --> 00:04:52,800
getting up and you'll be the pilot

55
00:04:58,070 --> 00:04:54,880
coming down again i'd like your

56
00:04:59,590 --> 00:04:58,080
assessment as uh to how crowded it is on

57
00:05:01,909 --> 00:04:59,600
mir compared to the shuttle and the

58
00:05:04,310 --> 00:05:01,919
place where you are right now is it is

59
00:05:06,870 --> 00:05:04,320
it as much like fiber mcgee's closet

60
00:05:09,110 --> 00:05:06,880
with just uh wires and pipes falling out

61
00:05:14,710 --> 00:05:09,120
all over the place as uh some of the

62
00:05:18,790 --> 00:05:16,790
well actually beer is a lot more

63
00:05:20,469 --> 00:05:18,800

spacious than the shuttle it has more

64

00:05:22,390 --> 00:05:20,479

interior volume

65

00:05:24,950 --> 00:05:22,400

this shuttle flight the atlantis has a

66

00:05:26,870 --> 00:05:24,960

space tab in the back which adds to our

67

00:05:28,629 --> 00:05:26,880

volume

68

00:05:30,150 --> 00:05:28,639

i would have to say that living in space

69

00:05:32,310 --> 00:05:30,160

whether you're on the shuttle or mirror

70

00:05:34,230 --> 00:05:32,320

you're going to have a lot of equipment

71

00:05:35,749 --> 00:05:34,240

around equipment

72

00:05:37,430 --> 00:05:35,759

for cooling and maintenance of the

73

00:05:39,510 --> 00:05:37,440

spaceship as well as scientific

74

00:05:41,590 --> 00:05:39,520

experiments which is why we're up here

75

00:05:43,909 --> 00:05:41,600

so yes both spaceships are a little bit

76

00:05:45,590 --> 00:05:43,919

cluttered but i would say it's an

77

00:05:47,110 --> 00:05:45,600

environment that i enjoy being in and

78

00:05:48,870 --> 00:05:47,120

i'm having a great time up here and i

79

00:05:50,390 --> 00:05:48,880

know we're contributing

80

00:05:53,270 --> 00:05:50,400

very well to

81

00:05:55,029 --> 00:05:53,280

science uh international science and uh

82

00:05:56,230 --> 00:05:55,039

the health of people around the world uh

83

00:05:57,029 --> 00:05:56,240

with the mission that we're doing up

84

00:05:58,790 --> 00:05:57,039

here

85

00:06:01,189 --> 00:05:58,800

yeah i've got a question for the two

86

00:06:03,110 --> 00:06:01,199

rookie astronauts carlos noriega and ed

87

00:06:04,870 --> 00:06:03,120

lew they have been doing much of the

88

00:06:07,270 --> 00:06:04,880

heavy lifting of equipment back and

89

00:06:09,029 --> 00:06:07,280

forth between the two ships and and both

90

00:06:10,710 --> 00:06:09,039

are rookies the transfer seems to be

91

00:06:12,950 --> 00:06:10,720

well ahead of schedule fellas which

92

00:06:15,189 --> 00:06:12,960

means you're doing your jobs well carlos

93

00:06:17,670 --> 00:06:15,199

i'd like your impressions and maybe then

94

00:06:19,350 --> 00:06:17,680

ed's impressions of launch and your

95

00:06:25,270 --> 00:06:19,360

thoughts today about what you're going

96

00:06:28,870 --> 00:06:26,950

well it's just an incredible feeling

97

00:06:30,790 --> 00:06:28,880

being on our first mission especially

98

00:06:32,710 --> 00:06:30,800

with this group of people here i got a

99

00:06:34,870 --> 00:06:32,720

great crew that i belong to and we got

100

00:06:36,230 --> 00:06:34,880

some great friends on the mirror uh we'd

101
00:06:38,309 --> 00:06:36,240
had a chance to work with them before we

102
00:06:39,749 --> 00:06:38,319
came up here and uh just being able to

103
00:06:41,670 --> 00:06:39,759
renew that friendship continue to work

104
00:06:43,430 --> 00:06:41,680
together it's just great as a

105
00:06:46,150 --> 00:06:43,440
international cooperative

106
00:06:47,749 --> 00:06:46,160
effort that we have here

107
00:06:49,749 --> 00:06:47,759
the reason things have been going so

108
00:06:51,350 --> 00:06:49,759
smoothly is probably because of the hard

109
00:06:53,430 --> 00:06:51,360
work of the other rookie here who's been

110
00:06:56,469 --> 00:06:53,440
in charge of uh the transfer operations

111
00:06:57,990 --> 00:06:56,479
i'll let him talk a little bit

112
00:06:59,990 --> 00:06:58,000
well there's a lot of really memorable

113
00:07:01,350 --> 00:07:00,000

things of course about flying in space

114

00:07:03,029 --> 00:07:01,360

from the launch to looking out the

115

00:07:06,230 --> 00:07:03,039

window seeing the earth go by to the

116

00:07:08,469 --> 00:07:06,240

docking day when we uh first saw amir

117

00:07:09,430 --> 00:07:08,479

from more than about uh 30 or 40 miles

118

00:07:11,110 --> 00:07:09,440

away

119

00:07:12,150 --> 00:07:11,120

but uh surprisingly enough you know what

120

00:07:14,870 --> 00:07:12,160

i think the

121

00:07:16,309 --> 00:07:14,880

most memorable thing about all this is

122

00:07:18,550 --> 00:07:16,319

the people around me the people i've

123

00:07:21,830 --> 00:07:18,560

gotten to work with for the last year

124

00:07:23,990 --> 00:07:21,840

and my friends from russia who we first

125

00:07:25,510 --> 00:07:24,000

met almost a year ago they're a really

126
00:07:26,390 --> 00:07:25,520
special group of people they work really

127
00:07:29,670 --> 00:07:26,400
hard

128
00:07:31,510 --> 00:07:29,680
and uh i'll always remember this just

129
00:07:33,749 --> 00:07:31,520
mostly for the people i think

130
00:07:35,830 --> 00:07:33,759
yeah the other the other day we saw a

131
00:07:38,150 --> 00:07:35,840
picture of all of you eating dinner

132
00:07:40,710 --> 00:07:38,160
together it was a this big international

133
00:07:42,070 --> 00:07:40,720
meal and the microphone was left on

134
00:07:43,830 --> 00:07:42,080
while you guys were there and it was

135
00:07:45,270 --> 00:07:43,840
sort of like a fraternity house party i

136
00:07:47,430 --> 00:07:45,280
mean a lot of whooping and hollering

137
00:07:49,189 --> 00:07:47,440
going on is that really what the spirit

138
00:07:50,790 --> 00:07:49,199

is like when you guys aren't lined up in

139

00:07:52,150 --> 00:07:50,800

front of tv cameras like this and

140

00:07:55,990 --> 00:07:52,160

everybody has to be on their best

141

00:08:00,469 --> 00:07:58,309

well john that was uh

142

00:08:02,790 --> 00:08:00,479

initially intended as a home movie but

143

00:08:04,390 --> 00:08:02,800

we had such spontaneous good time with

144

00:08:05,430 --> 00:08:04,400

our international colleagues that we

145

00:08:06,550 --> 00:08:05,440

thought we ought to share it with

146

00:08:09,029 --> 00:08:06,560

everyone

147

00:08:10,790 --> 00:08:09,039

we worked pretty hard up here and we

148

00:08:12,950 --> 00:08:10,800

asked the timeliners for this mission to

149

00:08:14,469 --> 00:08:12,960

set aside a couple of hours where we

150

00:08:16,629 --> 00:08:14,479

could have an international meal and our

151

00:08:18,950 --> 00:08:16,639

crew prepared a lot of different types

152

00:08:21,670 --> 00:08:18,960

of foods from around the world to bring

153

00:08:23,430 --> 00:08:21,680

up and share with our russian colleagues

154

00:08:25,189 --> 00:08:23,440

and jerry and

155

00:08:27,029 --> 00:08:25,199

they managed to find the time for us so

156

00:08:29,189 --> 00:08:27,039

we went over and relaxed for a little

157

00:08:31,189 --> 00:08:29,199

bit and we turned on the video camera

158

00:08:34,469 --> 00:08:31,199

and let it run and we wanted you to see

159

00:08:36,389 --> 00:08:34,479

that uh life in space can be enjoyable

160

00:08:37,909 --> 00:08:36,399

even though we're doing a lot of work uh

161

00:08:40,149 --> 00:08:37,919

folks need to take a break from time to

162

00:08:41,350 --> 00:08:40,159

time to keep their energy up and that's

163

00:08:43,190 --> 00:08:41,360

what we were doing we wanted you to see

164

00:08:45,269 --> 00:08:43,200

that yeah well charlie the thing that

165

00:08:47,269 --> 00:08:45,279

everybody is saying in this interview is

166

00:08:49,190 --> 00:08:47,279

uh how well everybody's getting along

167

00:08:51,190 --> 00:08:49,200

together despite the fact there are

168

00:08:52,630 --> 00:08:51,200

different cultures represented there on

169

00:08:55,030 --> 00:08:52,640

the spaceship and that party sort of

170

00:08:57,030 --> 00:08:55,040

indicated that to me i want to talk to

171

00:08:59,350 --> 00:08:57,040

jerry lenninger and mike foale next the

172

00:09:01,190 --> 00:08:59,360

two of you have traded jobs this week

173

00:09:03,110 --> 00:09:01,200

lenniger moving to the shuttle crew for

174

00:09:06,070 --> 00:09:03,120

the trip back home and paul joining the

175

00:09:07,829 --> 00:09:06,080

mir crew for another long duration stay

176

00:09:09,590 --> 00:09:07,839

in orbit jerry you and i have talked a

177

00:09:11,509 --> 00:09:09,600

couple of times during this mission

178

00:09:13,670 --> 00:09:11,519

about your family your personal life but

179

00:09:15,590 --> 00:09:13,680

we haven't talked uh directly since the

180

00:09:18,150 --> 00:09:15,600

fire and the series of equipment

181

00:09:20,389 --> 00:09:18,160

failures tell us about mir is it working

182

00:09:24,150 --> 00:09:20,399

as well today as the day you arrived

183

00:09:27,670 --> 00:09:25,829

we've had difficulties throughout those

184

00:09:29,990 --> 00:09:27,680

four months but i think we've overcome

185

00:09:31,750 --> 00:09:30,000

it and i think it's uh at this point

186

00:09:33,910 --> 00:09:31,760

yeah i'd say we're back to the uh the

187

00:09:34,870 --> 00:09:33,920

condition uh that we were at when i

188

00:09:36,230 --> 00:09:34,880

arrived

189

00:09:38,389 --> 00:09:36,240

on the other hand i think mike is going

190

00:09:40,150 --> 00:09:38,399

to have a challenge ahead of him and uh

191

00:09:42,550 --> 00:09:40,160

you know it's part of the exploration

192

00:09:44,870 --> 00:09:42,560

process out here we're pushing the limit

193

00:09:47,110 --> 00:09:44,880

and it's uh tough being out on the

194

00:09:49,110 --> 00:09:47,120

frontier so mike's got a challenge ahead

195

00:09:51,750 --> 00:09:49,120

for him yeah jerry before you hand the

196

00:09:53,590 --> 00:09:51,760

mic over to uh to mike foley what what

197

00:09:54,949 --> 00:09:53,600

was the best advice that you think you

198

00:09:56,790 --> 00:09:54,959

gave to uh

199

00:09:58,550 --> 00:09:56,800

to mike foale as he came aboard or in

200

00:10:01,829 --> 00:09:58,560

the few days you've had to sort of cross

201
00:10:06,630 --> 00:10:04,550
mike's really experienced courageous uh

202
00:10:08,710 --> 00:10:06,640
you know well-traveled space travelers

203
00:10:10,069 --> 00:10:08,720
so uh i guess that

204
00:10:11,590 --> 00:10:10,079
the thing i

205
00:10:13,990 --> 00:10:11,600
did more for mike is just show them

206
00:10:15,430 --> 00:10:14,000
around show them where the equipment is

207
00:10:18,389 --> 00:10:15,440
some of the little things that i learned

208
00:10:20,150 --> 00:10:18,399
over the uh four or five months up here

209
00:10:22,150 --> 00:10:20,160
and just giving him little pointers that

210
00:10:23,670 --> 00:10:22,160
i think a month from now he'll say oh

211
00:10:25,829 --> 00:10:23,680
yeah i remember jerry telling me

212
00:10:27,670 --> 00:10:25,839
something about that and and just make

213
00:10:29,750 --> 00:10:27,680

his life a little more pleasant up here

214

00:10:32,150 --> 00:10:29,760

by learning some little tricks of living

215

00:10:34,710 --> 00:10:32,160

in space yeah mike paul a couple of

216

00:10:36,389 --> 00:10:34,720

weeks ago you told us you were much more

217

00:10:39,509 --> 00:10:36,399

worried about the shuttle lots than

218

00:10:41,350 --> 00:10:39,519

about a long time stay on mirror uh has

219

00:10:43,509 --> 00:10:41,360

anything happened in the past few days

220

00:10:49,509 --> 00:10:43,519

change your opinion of mir for better or

221

00:10:51,750 --> 00:10:50,310

oh

222

00:10:52,949 --> 00:10:51,760

you're quite right

223

00:10:54,470 --> 00:10:52,959

the biggest risk that we all went

224

00:10:56,310 --> 00:10:54,480

through was launch and that includes the

225

00:10:58,150 --> 00:10:56,320

cosmonauts also

226

00:11:00,550 --> 00:10:58,160

but uh now i've been pleasantly

227

00:11:02,389 --> 00:11:00,560

surprised here in fact i'm now realizing

228

00:11:03,590 --> 00:11:02,399

rapidly that the uh the food is even

229

00:11:05,990 --> 00:11:03,600

better than i first thought it was going

230

00:11:08,230 --> 00:11:06,000

to be so i'm enjoying very much just

231

00:11:11,269 --> 00:11:08,240

having regular meals with the city here

232

00:11:13,430 --> 00:11:11,279

and sasha across there from elena

233

00:11:17,430 --> 00:11:13,440

and

234

00:11:18,790 --> 00:11:17,440

relationship i think um

235

00:11:20,470 --> 00:11:18,800

when you're on board a space station

236

00:11:23,030 --> 00:11:20,480

rather than a space shuttle you

237

00:11:25,509 --> 00:11:23,040

basically live and so you have to have

238

00:11:27,269 --> 00:11:25,519

regular meals and you i i've noticed the

239

00:11:29,190 --> 00:11:27,279

difference even already

240

00:11:30,710 --> 00:11:29,200

the shuttle guys are having to work to a

241

00:11:32,230 --> 00:11:30,720

timeline that's compressed they have to

242

00:11:33,350 --> 00:11:32,240

get back on earth

243

00:11:35,910 --> 00:11:33,360

and um

244

00:11:38,470 --> 00:11:35,920

the beauty of being here with

245

00:11:40,310 --> 00:11:38,480

a long-term cruise is you get to relax

246

00:11:41,430 --> 00:11:40,320

and uh think about the long term and

247

00:11:44,230 --> 00:11:41,440

enjoy your meals enjoy your

248

00:11:45,910 --> 00:11:44,240

conversations taste your work out

249

00:11:47,750 --> 00:11:45,920

and so it's uh actually quite a new way

250

00:11:49,110 --> 00:11:47,760

to work and uh i'm enjoying this

251
00:11:51,110 --> 00:11:49,120
transition

252
00:11:52,949 --> 00:11:51,120
and mike one last question what is the

253
00:11:54,470 --> 00:11:52,959
best that you can accomplish in your

254
00:11:56,389 --> 00:11:54,480
four and a half months on mir what do

255
00:12:01,430 --> 00:11:56,399
you think what what's the best you can

256
00:12:05,750 --> 00:12:03,670
well i just start flipping but i'll say

257
00:12:08,069 --> 00:12:05,760
it have a good time i really think

258
00:12:09,750 --> 00:12:08,079
that's the most important thing here

259
00:12:11,829 --> 00:12:09,760
i'm quite effective deficient anyway

260
00:12:13,430 --> 00:12:11,839
getting my uh scientific work done and

261
00:12:14,550 --> 00:12:13,440
i'll do that anyway the most important

262
00:12:16,150 --> 00:12:14,560
thing is that

263
00:12:18,389 --> 00:12:16,160

all of us the three of us on board the

264

00:12:20,550 --> 00:12:18,399

station and the uh the three new guys

265

00:12:22,550 --> 00:12:20,560

that come up uh in august that we all

266

00:12:25,350 --> 00:12:22,560

get along together and uh enjoy each

267

00:14:25,030 --> 00:12:25,360

other's company atlantis mere crew thank

268

00:14:52,389 --> 00:14:39,910

foreign

269

00:14:57,350 --> 00:14:54,389

and for all those on the american side

270

00:15:00,069 --> 00:14:57,360

we're uh wishing luda nicolaiva a happy

271

00:15:01,750 --> 00:15:00,079

50th birthday today she's the russian

272

00:15:03,189 --> 00:15:01,760

timeline has worked so hard to put our

273

00:15:05,350 --> 00:15:03,199

schedules together up here and make them

274

00:15:06,310 --> 00:15:05,360

work jointly between the u.s and russian

275

00:15:07,430 --> 00:15:06,320

sides

276

00:15:08,230 --> 00:15:07,440

luda

277

00:15:12,069 --> 00:15:08,240

values