



1  
00:00:09,669 --> 00:00:02,710  
space news on two we are ready to start

2  
00:00:12,709 --> 00:00:11,030  
good morning from the international

3  
00:00:15,669 --> 00:00:12,719  
space station

4  
00:00:17,430 --> 00:00:15,679  
today is a formal event this is the

5  
00:00:18,950 --> 00:00:17,440  
formal transfer of authority and

6  
00:00:20,470 --> 00:00:18,960  
responsibility

7  
00:00:23,429 --> 00:00:20,480  
of the international space station on

8  
00:00:25,429 --> 00:00:23,439  
board operations from myself tim coprad

9  
00:00:28,150 --> 00:00:25,439  
to jeff williams

10  
00:00:30,310 --> 00:00:28,160  
it's also an opportunity for us to give

11  
00:00:32,389 --> 00:00:30,320  
our thanks to an incredible

12  
00:00:36,150 --> 00:00:32,399  
international team that has allowed us

13  
00:00:39,670 --> 00:00:36,160

to do our job up here and to advance the

14

00:00:41,830 --> 00:00:39,680

exploration of humans in space

15

00:00:44,869 --> 00:00:41,840

we've been so privileged to work here on

16

00:00:47,670 --> 00:00:44,879

board with a huge variety of science

17

00:00:50,869 --> 00:00:47,680

experiments that we know are going to be

18

00:00:52,790 --> 00:00:50,879

a stepping stone for human exploration

19

00:00:54,950 --> 00:00:52,800

and we've demonstrated

20

00:00:56,869 --> 00:00:54,960

both from the ground and from the crew

21

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

on board together we've demonstrated

22

00:01:01,750 --> 00:00:59,199

that we have a world-class

23

00:01:03,590 --> 00:01:01,760

international laboratory

24

00:01:06,789 --> 00:01:03,600

we've also demonstrated that we can

25

00:01:08,950 --> 00:01:06,799

sustain this this station we've docked

26

00:01:11,030 --> 00:01:08,960

actually captured and

27

00:01:13,350 --> 00:01:11,040

docked and then released a cygnus

28

00:01:15,749 --> 00:01:13,360

vehicle a dragon vehicle we currently

29

00:01:17,590 --> 00:01:15,759

have two progress vehicles docked to our

30

00:01:19,590 --> 00:01:17,600

space station

31

00:01:21,109 --> 00:01:19,600

through the help of the ground teams and

32

00:01:23,429 --> 00:01:21,119

this great crew we've been able to

33

00:01:25,510 --> 00:01:23,439

maintain the station in top working

34

00:01:28,390 --> 00:01:25,520

orders so that we can continue

35

00:01:31,190 --> 00:01:28,400

our experiments on board and our efforts

36

00:01:33,109 --> 00:01:31,200

to advance the state of technology

37

00:01:34,870 --> 00:01:33,119

we've had technology demonstrations

38

00:01:36,710 --> 00:01:34,880

where we've launched satellites we have

39

00:01:39,270 --> 00:01:36,720

an inflatable module the first of its

40

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

kind here docked to space station

41

00:01:43,510 --> 00:01:41,119

and so it's been a privilege for all of

42

00:01:45,350 --> 00:01:43,520

us to be able to participate in all of

43

00:01:47,429 --> 00:01:45,360

these different activities on board

44

00:01:48,870 --> 00:01:47,439

space station

45

00:01:52,069 --> 00:01:48,880

personally i'd like to say that it's

46

00:01:53,670 --> 00:01:52,079

been a tremendous honor to serve with

47

00:01:55,429 --> 00:01:53,680

this crew

48

00:01:56,389 --> 00:01:55,439

with jeff tim

49

00:01:58,709 --> 00:01:56,399

yuri

50

00:02:00,230 --> 00:01:58,719

alexey and aleg

51

00:02:02,630 --> 00:02:00,240

i can't think of a better group of

52

00:02:03,830 --> 00:02:02,640

people to spend time with in space and

53

00:02:04,789 --> 00:02:03,840

to work with

54

00:02:06,830 --> 00:02:04,799

and

55

00:02:08,469 --> 00:02:06,840

i'm very very grateful for that

56

00:02:11,350 --> 00:02:08,479

opportunity

57

00:02:13,350 --> 00:02:11,360

i'd also like to thank the families

58

00:02:15,830 --> 00:02:13,360

the families that are back home

59

00:02:17,270 --> 00:02:15,840

have to uh to endure the fact that we're

60

00:02:20,150 --> 00:02:17,280

not there to help

61

00:02:22,470 --> 00:02:20,160

and through their tremendous support

62

00:02:24,229 --> 00:02:22,480

it keeps us in a good state of mind so

63

00:02:26,470 --> 00:02:24,239

that we can do our job and what we

64

00:02:30,150 --> 00:02:26,480

consider to be a very important job here

65

00:02:34,790 --> 00:02:32,150

bill shepard who is the first commander

66

00:02:36,710 --> 00:02:34,800

of of the international space station

67

00:02:38,949 --> 00:02:36,720

brought a bell with him

68

00:02:41,030 --> 00:02:38,959

and this is a navy tradition

69

00:02:42,949 --> 00:02:41,040

that signifies uh

70

00:02:44,710 --> 00:02:42,959

the uh the changing of the watch and

71

00:02:47,110 --> 00:02:44,720

this is a tradition that's been

72

00:02:48,630 --> 00:02:47,120

uh part of the navy and and uh with

73

00:02:51,430 --> 00:02:48,640

ships at sea

74

00:02:53,110 --> 00:02:51,440

as long as as there have been ships at

75

00:02:54,550 --> 00:02:53,120

sea

76  
00:02:56,630 --> 00:02:54,560  
and we would like to continue this

77  
00:02:59,270 --> 00:02:56,640  
tradition ironically i think because

78  
00:03:01,670 --> 00:02:59,280  
both jeff and i are former army officers

79  
00:03:04,070 --> 00:03:01,680  
and we'd like to continue this tradition

80  
00:03:05,589 --> 00:03:04,080  
of ringing the bell to demonstrate the

81  
00:03:07,030 --> 00:03:05,599  
changing of the watch

82  
00:03:10,470 --> 00:03:07,040  
and in this case

83  
00:03:12,309 --> 00:03:10,480  
the the change of command from myself

84  
00:03:18,710 --> 00:03:12,319  
to jeff williams

85  
00:03:21,830 --> 00:03:20,869  
jeff congratulations

86  
00:03:25,589 --> 00:03:21,840  
you're now the commander of the

87  
00:03:29,990 --> 00:03:27,830  
and finally i'd like to say that uh i i

88  
00:03:31,910 --> 00:03:30,000

know jeff that the station is in great

89

00:03:34,229 --> 00:03:31,920

hands and

90

00:03:37,270 --> 00:03:34,239

i'm proud to be able to pass off this

91

00:03:42,789 --> 00:03:40,470

thank you very much tim great words

92

00:03:45,190 --> 00:03:42,799

i would only echo everything you said in

93

00:03:46,390 --> 00:03:45,200

terms of thanks to the ground teams

94

00:03:48,390 --> 00:03:46,400

around the world

95

00:03:50,869 --> 00:03:48,400

as well as the family and our friends

96

00:03:52,630 --> 00:03:50,879

that support us so well up here

97

00:03:55,509 --> 00:03:52,640

i'd also like to say a special

98

00:03:57,429 --> 00:03:55,519

congratulations to yuri to tim and to

99

00:03:59,910 --> 00:03:57,439

tim for a successful stay on the

100

00:04:01,270 --> 00:03:59,920

international space station

101  
00:04:05,190 --> 00:04:01,280  
you've made

102  
00:04:06,630 --> 00:04:05,200  
the our stay so far alex aulik and i

103  
00:04:08,309 --> 00:04:06,640  
our stay

104  
00:04:09,509 --> 00:04:08,319  
extremely

105  
00:04:11,190 --> 00:04:09,519  
productive

106  
00:04:13,429 --> 00:04:11,200  
and rewarding

107  
00:04:15,830 --> 00:04:13,439  
and i've always said that the number one

108  
00:04:16,629 --> 00:04:15,840  
personal objective that all of us should

109  
00:04:17,670 --> 00:04:16,639  
have

110  
00:04:19,749 --> 00:04:17,680  
is to

111  
00:04:21,270 --> 00:04:19,759  
complete a stay on board the

112  
00:04:22,469 --> 00:04:21,280  
international space station look back

113  
00:04:23,670 --> 00:04:22,479

and say that's one of the greatest

114

00:04:25,909 --> 00:04:23,680

rewards

115

00:04:27,510 --> 00:04:25,919

greatest experiences i've ever had and

116

00:04:30,550 --> 00:04:27,520

it ought to be a big reward and you've

117

00:04:31,590 --> 00:04:30,560

made it that way so thank you for that

118

00:04:32,790 --> 00:04:31,600

and

119

00:04:33,830 --> 00:04:32,800

we wish you

120

00:05:04,110 --> 00:04:33,840

a

121

00:05:06,790 --> 00:05:04,120

completed

122

00:05:09,430 --> 00:05:06,800

828 days is that correct

123

00:05:12,790 --> 00:05:09,440

in space uh today

124

00:05:15,430 --> 00:05:12,800

right uh which is a second all-time

125

00:05:16,790 --> 00:05:15,440

record in the world over five flights a

126  
00:05:19,430 --> 00:05:16,800  
flight on mir

127  
00:05:20,870 --> 00:05:19,440  
a space shuttle flight and then uh three

128  
00:05:22,070 --> 00:05:20,880  
flights here on onboard the

129  
00:05:24,870 --> 00:05:22,080  
international space station long

130  
00:05:26,310 --> 00:05:24,880  
duration flights so congratulations i

131  
00:05:27,909 --> 00:05:26,320  
congratulate you

132  
00:05:29,590 --> 00:05:27,919  
for that milestone

133  
00:05:32,550 --> 00:05:29,600  
uh tim

134  
00:05:35,830 --> 00:05:32,560  
peake i've completed 186 days and you

135  
00:05:37,909 --> 00:05:35,840  
all 186 days on this flight of course

136  
00:05:40,150 --> 00:05:37,919  
and i want to congratulate you tim you

137  
00:05:42,469 --> 00:05:40,160  
have represented the european space

138  
00:05:44,469 --> 00:05:42,479

agency very well and of course the

139

00:05:46,469 --> 00:05:44,479

united kingdom very well

140

00:05:48,469 --> 00:05:46,479

and it's been a pleasure to get to know

141

00:05:49,830 --> 00:05:48,479

you obviously we knew each other some

142

00:05:51,029 --> 00:05:49,840

from training on the ground but we

143

00:05:53,749 --> 00:05:51,039

really didn't get to know each other

144

00:05:56,950 --> 00:05:53,759

until we had the time to spend up here

145

00:06:01,270 --> 00:05:56,960

so i congratulate you on that as well

146

00:06:03,189 --> 00:06:01,280

and tim copra of course 276 or 244 days

147

00:06:05,029 --> 00:06:03,199

you've completed now over two long

148

00:06:06,950 --> 00:06:05,039

duration flights on board the

149

00:06:09,830 --> 00:06:06,960

international space station and i want

150

00:06:12,390 --> 00:06:09,840

to congratulate you as well the three of

151  
00:06:15,189 --> 00:06:12,400  
you have left the ship in good hands to

152  
00:06:18,550 --> 00:06:15,199  
alex and olek and i and we uh intend on

153  
00:06:21,029 --> 00:06:18,560  
carrying on the good tradition um of uh

154  
00:06:22,150 --> 00:06:21,039  
service and and and

155  
00:06:24,629 --> 00:06:22,160  
and duty

156  
00:06:26,390 --> 00:06:24,639  
on board the international space station

157  
00:06:28,629 --> 00:06:26,400  
so thank you very much

158  
00:06:31,430 --> 00:06:28,639  
i do have one other

159  
00:06:32,550 --> 00:06:31,440  
uh item of business to do

160  
00:06:35,590 --> 00:06:32,560  
um

161  
00:06:38,150 --> 00:06:35,600  
before i uh uh before i hand it back or

162  
00:06:40,550 --> 00:06:38,160  
we close this or whatnot and

163  
00:06:42,870 --> 00:06:40,560

this is uh i am honored and oh by the

164

00:06:44,629 --> 00:06:42,880

way i've learned from experience that i

165

00:06:46,070 --> 00:06:44,639

need to start out with a piece of gray

166

00:06:47,590 --> 00:06:46,080

tape

167

00:06:50,950 --> 00:06:47,600

i'm honored to have the

168

00:06:54,309 --> 00:06:50,960

opportunity to uh give an award a

169

00:06:56,469 --> 00:06:54,319

special award uh to an individual here

170

00:06:59,189 --> 00:06:56,479

and uh this award is

171

00:07:02,230 --> 00:06:59,199

to tim copra and it's the order of saint

172

00:07:04,469 --> 00:07:02,240

michael gold award which i will need to

173

00:07:06,150 --> 00:07:04,479

explain if you could hold that mic

174

00:07:09,749 --> 00:07:06,160

for me tim

175

00:07:13,110 --> 00:07:11,510

let me present this award and then i'll

176

00:07:16,950 --> 00:07:13,120

explain a little bit about it for those

177

00:07:19,029 --> 00:07:16,960

that don't don't know about it

178

00:07:26,070 --> 00:07:19,039

tim and i as tim mentioned

179

00:07:31,670 --> 00:07:28,629

because it's a pretty heavy metal award

180

00:07:34,469 --> 00:07:31,680

and it will knock your teeth out if you

181

00:07:38,629 --> 00:07:34,479

don't use the gray tape

182

00:07:41,189 --> 00:07:39,350

which

183

00:07:43,350 --> 00:07:41,199

is not the first time

184

00:07:45,830 --> 00:07:43,360

so i'll see if i can uh

185

00:07:48,710 --> 00:07:45,840

i'll go without them the order of saint

186

00:07:51,909 --> 00:07:48,720

michael is a very special award for u.s

187

00:07:55,189 --> 00:07:51,919

army aviators and it's sponsored by the

188

00:07:56,710 --> 00:07:55,199

army aviation association of america it

189

00:07:58,790 --> 00:07:56,720

recognizes individuals who have

190

00:08:00,629 --> 00:07:58,800

contributed significantly to the

191

00:08:02,869 --> 00:08:00,639

promotion of army aviation through a

192

00:08:04,629 --> 00:08:02,879

lifetime of service to the aviation

193

00:08:06,309 --> 00:08:04,639

branch these individuals have

194

00:08:08,629 --> 00:08:06,319

demonstrated the highest standards of

195

00:08:10,390 --> 00:08:08,639

integrity and moral character display an

196

00:08:12,710 --> 00:08:10,400

outstanding degree of professional

197

00:08:15,589 --> 00:08:12,720

competence and serve the united states

198

00:08:17,270 --> 00:08:15,599

army aviation community with distinction

199

00:08:19,670 --> 00:08:17,280

and tim you've done that for many

200

00:08:22,469 --> 00:08:19,680

decades now not only active duty in the

201

00:08:24,869 --> 00:08:22,479

army in combat and in other

202

00:08:26,869 --> 00:08:24,879

duty locations in the army but then

203

00:08:29,110 --> 00:08:26,879

after retiring from the army uh

204

00:08:31,430 --> 00:08:29,120

continuing your service uh representing

205

00:08:34,389 --> 00:08:31,440

the army and army aviation

206

00:08:36,149 --> 00:08:34,399

at nasa and now culminating with a very

207

00:08:37,670 --> 00:08:36,159

successful command on the international

208

00:08:38,949 --> 00:08:37,680

space station

209

00:08:41,509 --> 00:08:38,959

so

210

00:08:42,790 --> 00:08:41,519

the award itself

211

00:08:44,070 --> 00:08:42,800

there's more words here but i'm not

212

00:08:45,750 --> 00:08:44,080

going to read them all but the award

213

00:08:47,590 --> 00:08:45,760

itself says

214

00:08:49,750 --> 00:08:47,600

the honorable order of saint michael

215

00:08:51,670 --> 00:08:49,760

appearing before a most arduous and

216

00:08:53,910 --> 00:08:51,680

discriminatory committee of tried and

217

00:08:55,030 --> 00:08:53,920

proven army aviators and aviation

218

00:08:57,750 --> 00:08:55,040

patriots

219

00:08:59,509 --> 00:08:57,760

be it known that timothy l copra was

220

00:09:00,870 --> 00:08:59,519

tested and found worthy of special

221

00:09:02,790 --> 00:09:00,880

recognition for outstanding

222

00:09:05,269 --> 00:09:02,800

contributions to the community of army

223

00:09:07,750 --> 00:09:05,279

aviation and is hereby inducted into the

224

00:09:10,389 --> 00:09:07,760

honorable order of saint michael gold

225

00:09:12,550 --> 00:09:10,399

award the archangel saint michael is the

226

00:09:15,350 --> 00:09:12,560

embodiment of courage justice and

227

00:09:17,269 --> 00:09:15,360

gallantry so too the affirmation

228

00:09:19,829 --> 00:09:17,279

individual embodies these qualities and

229

00:09:21,670 --> 00:09:19,839

represents excellence in aviation

230

00:09:23,910 --> 00:09:21,680

therefore the president of the army

231

00:09:26,310 --> 00:09:23,920

aviation association of america

232

00:09:29,030 --> 00:09:26,320

acknowledges that this patriot is due

233

00:09:30,470 --> 00:09:29,040

special honor and respect for now and

234

00:09:33,590 --> 00:09:30,480

prosperity

235

00:09:58,790 --> 00:09:33,600

signed on this date by general sinclair

236

00:10:05,110 --> 00:10:02,069

and houston i think that uh concludes uh

237

00:10:14,790 --> 00:10:05,120

what we had planned up here

238

00:10:20,949 --> 00:10:17,990

we copy jeff and jeff and tim good job

239

00:10:22,870 --> 00:10:20,959

uh congratulations for that

240

00:10:25,509 --> 00:10:22,880

the command handover jeff and we look

241

00:10:28,550 --> 00:10:25,519

forward to continuing on with you on

242

00:10:30,630 --> 00:10:28,560

expedition 48 and tim we look forward to