



1
00:00:09,990 --> 00:00:06,950
well good afternoon today we are here in

2
00:00:12,950 --> 00:00:10,000
tranquility standing above the cupola

3
00:00:15,270 --> 00:00:12,960
to formally open the cupola for use by

4
00:00:16,710 --> 00:00:15,280
other crews that will be here up on the

5
00:00:19,029 --> 00:00:16,720
space station

6
00:00:21,349 --> 00:00:19,039
and arguably mankind has been after this

7
00:00:22,630 --> 00:00:21,359
view for centuries this perspective this

8
00:00:25,189 --> 00:00:22,640
view of the world

9
00:00:30,550 --> 00:00:25,199
and we finally have it and we are going

10
00:00:34,549 --> 00:00:32,229
and now we on the station crew are

11
00:00:36,470 --> 00:00:34,559
especially happy to get this uh

12
00:00:39,670 --> 00:00:36,480
to be able to enjoy this i know for me

13
00:00:42,470 --> 00:00:39,680

personally it's a milestone uh that i

14

00:00:43,430 --> 00:00:42,480

will remember uh for the rest of my life

15

00:00:44,950 --> 00:00:43,440

uh

16

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

in terms of the experience on the

17

00:00:49,029 --> 00:00:46,800

station because it culminates so much it

18

00:00:50,950 --> 00:00:49,039

culminates in just a beautiful view a

19

00:00:53,670 --> 00:00:50,960

window on the world that we haven't had

20

00:00:55,350 --> 00:00:53,680

before it culminates

21

00:00:56,790 --> 00:00:55,360

just about the assembly completed the

22

00:00:59,670 --> 00:00:56,800

space station getting us to full

23

00:01:00,549 --> 00:00:59,680

capability so this cupola means a whole

24

00:01:03,990 --> 00:01:00,559

lot

25

00:01:07,510 --> 00:01:04,000

uh we also want to take this um a moment

26

00:01:09,429 --> 00:01:07,520

to uh to remember um a friend and a

27

00:01:13,350 --> 00:01:09,439

co-worker and fellow astronaut lacy

28

00:01:15,190 --> 00:01:13,360

beach uh who dedicated uh was really

29

00:01:18,070 --> 00:01:15,200

dedicated to the early development of

30

00:01:20,230 --> 00:01:18,080

the cupola and its vision uh on the

31

00:01:21,910 --> 00:01:20,240

international space station

32

00:01:24,870 --> 00:01:21,920

and we would like to

33

00:01:28,469 --> 00:01:24,880

to leave his path

34

00:01:30,149 --> 00:01:28,479

in memory of him and um and dedicated to

35

00:01:32,230 --> 00:01:30,159

him as well as a picture on board the

36

00:01:35,109 --> 00:01:32,240

space station the patch will be in the

37

00:01:41,590 --> 00:01:35,119

cupola and the uh and the photograph of

38

00:01:46,149 --> 00:01:43,749

we also have one more item to put in the

39

00:01:49,270 --> 00:01:46,159

cupola today

40

00:01:51,190 --> 00:01:49,280

these are some moon rocks uh that were

41

00:01:52,230 --> 00:01:51,200

picked up on apollo 11 and returned to

42

00:01:54,550 --> 00:01:52,240

her

43

00:01:56,709 --> 00:01:54,560

and later carried to the summit of mount

44

00:01:58,469 --> 00:01:56,719

everest by scott barazinski

45

00:02:00,709 --> 00:01:58,479

and so these moon rocks have had quite a

46

00:02:02,149 --> 00:02:00,719

journey and they will continue their

47

00:02:02,950 --> 00:02:02,159

journey for

48

00:02:06,870 --> 00:02:02,960

uh

49

00:02:09,350 --> 00:02:06,880

very short amount of time

50

00:02:12,470 --> 00:02:09,360

uh they will be placed in the cupola as

51
00:02:14,630 --> 00:02:12,480
a reminder of man's reach

52
00:02:19,990 --> 00:02:14,640
and man's grit as they go out and

53
00:02:28,630 --> 00:02:22,150
so with that george how about if you uh

54
00:02:28,640 --> 00:02:34,830
and here we go the cupola is open for

55
00:04:19,270 --> 00:02:39,190
business right all right everybody

56
00:04:22,790 --> 00:04:21,270
this is mission control houston station

57
00:04:25,030 --> 00:04:22,800
commander jeff williams and shuttle

58
00:04:27,430 --> 00:04:25,040
commander george zamka have

59
00:04:28,870 --> 00:04:27,440
dedicated the cupola and opened it up

60
00:04:31,590 --> 00:04:28,880
for business for each of the crew

61
00:04:32,870 --> 00:04:31,600
members 11 crew members on board to fly

62
00:04:35,670 --> 00:04:32,880
in and

63
00:04:38,070 --> 00:04:35,680

take a look out the windows

64

00:04:40,950 --> 00:04:38,080

the station and shuttle complex is

65

00:04:47,510 --> 00:04:40,960

orbiting 220 statute miles above the

66

00:04:47,520 --> 00:06:26,390

as the crew members take a look

67

00:06:31,029 --> 00:06:28,390

as we continue to watch the crew members

68

00:06:32,629 --> 00:06:31,039

look through the cupola window

69

00:06:35,749 --> 00:06:32,639

station commander jeff williams had

70

00:06:37,830 --> 00:06:35,759

indicated that the cupola was

71

00:06:40,790 --> 00:06:37,840

being dedicated to

72

00:06:42,790 --> 00:06:40,800

astronaut charles lacey beach

73

00:06:46,150 --> 00:06:42,800

he was selected as an astronaut in may

74

00:06:53,189 --> 00:06:50,469

and died in houston in 1995 of cancer

75

00:06:55,670 --> 00:06:53,199

this is the formal ceremony

76
00:06:57,670 --> 00:06:55,680
thank you very much jeff and we weren't

77
00:07:00,390 --> 00:06:57,680
around when they

78
00:07:03,589 --> 00:07:00,400
were at promontory utah to drive in the

79
00:07:05,990 --> 00:07:03,599
final spike at the intercontinental

80
00:07:07,990 --> 00:07:06,000
railroad and none of us were able to be

81
00:07:09,749 --> 00:07:08,000
there when they switched on the dynamos

82
00:07:11,350 --> 00:07:09,759
at the hoover dam

83
00:07:13,110 --> 00:07:11,360
and we weren't around when they topped

84
00:07:14,309 --> 00:07:13,120
out the steel on the empire state

85
00:07:16,070 --> 00:07:14,319
building

86
00:07:18,309 --> 00:07:16,080
but i think i speak for the whole flight

87
00:07:20,469 --> 00:07:18,319
control team in houston and the flight

88
00:07:22,230 --> 00:07:20,479

control teams around the world that

89

00:07:24,629 --> 00:07:22,240

we're really pleased to be in work in

90

00:07:27,830 --> 00:07:24,639

the last two weeks when we attached the

91

00:07:31,990 --> 00:07:27,840

final module to the u.s segment

92

00:07:34,550 --> 00:07:32,000

and the 1 million pound space station

93

00:07:36,550 --> 00:07:34,560

uh and that was built by thousands of

94

00:07:38,070 --> 00:07:36,560

people around the world so

95

00:07:41,909 --> 00:07:38,080

we only wish that we could be up there

96

00:07:46,710 --> 00:07:44,629

and we share those sediments as well how

97

00:07:49,350 --> 00:07:46,720

and uh

98

00:07:51,189 --> 00:07:49,360

our gratitude uh our tremendous

99

00:07:53,189 --> 00:07:51,199

gratitude goes out to the entire

100

00:07:55,430 --> 00:07:53,199

international partnership and teams like

101
00:07:56,950 --> 00:07:55,440
you said around the world that make this

102
00:07:58,790 --> 00:07:56,960
thing possible it's something that

103
00:08:01,270 --> 00:07:58,800
everybody is

104
00:08:03,029 --> 00:08:01,280
a part of a very unique uh

105
00:08:05,510 --> 00:08:03,039
piece of history

106
00:08:09,029 --> 00:08:05,520
and we are all honored to uh

107
00:08:10,550 --> 00:08:09,039
to be part of it and we

108
00:08:14,309 --> 00:08:10,560
we

109
00:08:16,469 --> 00:08:14,319
want to recognize the many people um on

110
00:08:18,230 --> 00:08:16,479
those teams not only the op centers

111
00:08:19,990 --> 00:08:18,240
which we've really enjoyed working with

112
00:08:21,830 --> 00:08:20,000
the last uh uh

113
00:08:23,350 --> 00:08:21,840

week and a half or so

114

00:08:25,670 --> 00:08:23,360

you guys have been tremendous and we

115

00:08:27,909 --> 00:08:25,680

thank you for that we also thank the

116

00:08:29,749 --> 00:08:27,919

people that are behind the scenes and

117

00:08:32,389 --> 00:08:29,759

the engineering teams and the design

118

00:08:34,310 --> 00:08:32,399

centers around the world doing the real

119

00:08:35,990 --> 00:08:34,320

time support and operations and working

120

00:08:38,949 --> 00:08:36,000

through the problems and issues which

121

00:08:41,269 --> 00:08:38,959

you you do very well that's what we're

122

00:08:43,909 --> 00:08:41,279

best at when we work uh when we run into

123

00:08:46,790 --> 00:08:43,919

the unexpected uh and work through them

124

00:08:48,790 --> 00:08:46,800

and uh our congratulations to everybody

125

00:08:52,070 --> 00:08:48,800

in our hats off to everybody thank you

126

00:08:55,030 --> 00:08:52,080

for your service to uh uh to humankind

127

00:08:56,070 --> 00:08:55,040

and and and congratulations on being

128

00:09:02,150 --> 00:08:56,080

part of this

129

00:09:02,160 --> 00:09:23,590

great words jeff

130

00:09:30,710 --> 00:09:27,670

the expedition 22 and sts-130 crews have

131

00:09:34,150 --> 00:09:30,720

inaugurated the use of the cupola on

132

00:09:37,509 --> 00:09:34,160

board the international space station

133

00:09:39,350 --> 00:09:37,519

as the complex is orbiting 220 statute