

PAYLOAD OPERATIONS



SPACESTATION
LIVE

1
00:00:08,919 --> 00:00:06,550
well we're celebrating the 15th

2
00:00:10,450 --> 00:00:08,929
anniversary of human presence on the

3
00:00:12,220 --> 00:00:10,460
space station and for the payload

4
00:00:14,200 --> 00:00:12,230
operations integration Center it didn't

5
00:00:16,090 --> 00:00:14,210
quite start exactly then they went

6
00:00:17,320 --> 00:00:16,100
online about six months later but they

7
00:00:19,360 --> 00:00:17,330
were still working in one of those

8
00:00:21,100 --> 00:00:19,370
worker bees is here with me now denis

9
00:00:24,130 --> 00:00:21,110
morris she is a payload operations

10
00:00:26,260 --> 00:00:24,140
director but you were a pay come back in

11
00:00:28,390 --> 00:00:26,270
that day tell us tell us what the early

12
00:00:30,190 --> 00:00:28,400
days were like well like you said we

13
00:00:32,770 --> 00:00:30,200

didn't start increment to until march

14

00:00:34,600 --> 00:00:32,780

two thousand one i was a pic home so i

15

00:00:37,480 --> 00:00:34,610

had the unique opportunity to speak to

16

00:00:39,250 --> 00:00:37,490

the crew we had Susan Helms on board

17

00:00:41,530 --> 00:00:39,260

which I had worked with in the past on

18

00:00:44,460 --> 00:00:41,540

the Space Lab is face had missions and

19

00:00:47,710 --> 00:00:44,470

then we had gym boss who is a native

20

00:00:49,420 --> 00:00:47,720

alabamian and also an Auburn fan so he

21

00:00:51,190 --> 00:00:49,430

graduated from there and that was really

22

00:00:53,620 --> 00:00:51,200

unique for us because we got the

23

00:00:57,280 --> 00:00:53,630

occasional war eagle so you had only

24

00:00:59,860 --> 00:00:57,290

three crew members yeah beginning yes a

25

00:01:01,780 --> 00:00:59,870

lot has changed yes we had your usage

26

00:01:03,760 --> 00:01:01,790

chef with us as well he was the Russian

27

00:01:05,680 --> 00:01:03,770

crew member and now we have six crew

28

00:01:07,899 --> 00:01:05,690

members so that's that's been exciting

29

00:01:09,700 --> 00:01:07,909

so from three crew members to six crew

30

00:01:12,370 --> 00:01:09,710

members how did that change for you all

31

00:01:14,890 --> 00:01:12,380

in here operationally we got busier with

32

00:01:17,890 --> 00:01:14,900

the more crew members so our experiments

33

00:01:21,280 --> 00:01:17,900

went from about 18 experiments initially

34

00:01:24,070 --> 00:01:21,290

to 18 racks holding over 300 experiments

35

00:01:26,110 --> 00:01:24,080

along with nine external payloads that

36

00:01:28,450 --> 00:01:26,120

we have on the outside of space station

37

00:01:30,730 --> 00:01:28,460

that operate continuously and then you

38

00:01:33,280 --> 00:01:30,740

also worked with just the Russian

39

00:01:35,410 --> 00:01:33,290

partners at first and now you have a

40

00:01:37,510 --> 00:01:35,420

whole international contingent yes we

41

00:01:40,030 --> 00:01:37,520

have the Europeans and the Japanese with

42

00:01:42,940 --> 00:01:40,040

us so the space station has grown to

43

00:01:44,320 --> 00:01:42,950

full capacity a lot more astronauts a

44

00:01:45,820 --> 00:01:44,330

lot more people on the ground to help

45

00:01:48,130 --> 00:01:45,830

them take care of the science and of

46

00:01:50,890 --> 00:01:48,140

course maintaining the space station any

47

00:01:53,920 --> 00:01:50,900

personal stories that you can share with

48

00:01:56,440 --> 00:01:53,930

us from from back in the day or even to

49

00:01:58,660 --> 00:01:56,450

now yeah you know back in the day I was

50

00:02:00,399 --> 00:01:58,670

a pacom so it was super exciting getting

51
00:02:02,499 --> 00:02:00,409
to talk to the crew every day now I'm

52
00:02:04,990 --> 00:02:02,509
transitioned over to the pod chair which

53
00:02:06,969 --> 00:02:05,000
is the payload operations director chair

54
00:02:09,309 --> 00:02:06,979
so a little different but still exciting

55
00:02:11,140 --> 00:02:09,319
it was exciting the first time the

56
00:02:12,730 --> 00:02:11,150
increment to crew caught us on a phone

57
00:02:14,560 --> 00:02:12,740
they did the

58
00:02:16,600 --> 00:02:14,570
sober Internet Protocol and gave us a

59
00:02:18,010 --> 00:02:16,610
phone call nobody really believed that

60
00:02:20,500 --> 00:02:18,020
was happening at first they thought

61
00:02:22,030 --> 00:02:20,510
somebody was playing a trick on us but

62
00:02:24,520 --> 00:02:22,040
that was real exciting and then just

63
00:02:27,730 --> 00:02:24,530

talking to them every day was was really

64

00:02:29,590 --> 00:02:27,740

neat and now it's just routine idiots

65

00:02:31,720 --> 00:02:29,600

later and you guys will be celebrating

66

00:02:34,180 --> 00:02:31,730

your anniversary your real 15-year

67

00:02:35,590 --> 00:02:34,190

anniversary in this room well it used to

68

00:02:39,670 --> 00:02:35,600

be an older of announce a new room in

69

00:02:42,160 --> 00:02:39,680

March of 2016 yes we will with your help