



MISSION OPERATIONS

1
00:00:08,179 --> 00:00:13,150
>> OKAY, WE'RE IN LOCK WITH
CARRIER.

2
00:00:13,150 --> 00:00:44,799
STAND BY FOR TELEMETRY.

3
00:00:44,799 --> 00:00:53,360
.
>> CARL WHITTENBURG, MISSIONS

4
00:00:53,360 --> 00:01:01,700
OPERATIONS TEAM.

5
00:01:01,700 --> 00:01:03,309
DEEP SPACE NETWORK.

6
00:01:03,309 --> 00:01:06,570
>> IN LOCK ON SYMBOLS.

7
00:01:06,570 --> 00:01:08,240
>> THAT'S THE FIRST STEP.

8
00:01:08,240 --> 00:01:09,750
GETTING DATA?

9
00:01:09,750 --> 00:01:10,750
>> OKAY.

10
00:01:10,750 --> 00:01:25,610
COPY THAT, WE'RE IN LUCK WITH
TELEMETRY WITH

11
00:01:25,610 --> 00:01:30,250
THE SPACECRAFT.

12
00:01:30,250 --> 00:01:55,170
[CHEERS AND APPLAUSE]

[CHEERS AND APPLAUSE]

13

00:01:55,170 --> 00:01:59,330

>> OKAY.

14

00:01:59,330 --> 00:02:03,479

>> WOW.

15

00:02:03,479 --> 00:02:11,900

SYSTEMS, PLEASE REPORT YOUR
STATUS AS YOU GET ENOUGH DATA.

16

00:02:11,900 --> 00:02:18,069

>> SYSTEMS REPORTING THEIR
STATUS.

17

00:02:18,069 --> 00:02:25,439

>> MOM, THIS IS RF ON PLUTO 1.

18

00:02:25,439 --> 00:02:27,379

>> GO AHEAD, RF.

19

00:02:27,379 --> 00:02:31,810

>> RF IS REPORTING NOMINAL
CARRIER POWER, NOMINAL RATIO FOR

20

00:02:31,810 --> 00:02:33,079

THE TELEMETRY.

21

00:02:33,079 --> 00:02:35,439

RF IS NOMINAL.

22

00:02:35,439 --> 00:02:39,680

>> COPY THAT.

23

00:02:39,680 --> 00:02:43,909

RF NOMINAL.

24

00:02:43,909 --> 00:02:47,449
>> AUTONOMY ON PLUTO 1.

25
00:02:47,449 --> 00:02:49,580
>> GO AHEAD.

26
00:02:49,580 --> 00:02:53,870
>> HAPPY TO REPORT NOMINAL
STATUS, NO RULES HAVE FIRED.

27
00:02:53,870 --> 00:03:05,929
[CHEERS AND APPLAUSE]
>> GO AHEAD, CBH.

28
00:03:05,929 --> 00:03:08,439
>> CBH REPORTS NOMINAL STATUS.

29
00:03:08,439 --> 00:03:11,839
SSR POINTERS ARE WHERE WE EXPECT
THEM TO BE, WHICH MEANS WE

30
00:03:11,839 --> 00:03:13,919
RECORDED THE EXPECTED AMOUNT OF
DATA.

31
00:03:13,919 --> 00:03:15,269
>> COPY THAT.

32
00:03:15,269 --> 00:03:20,659
LOOKS LIKE WE HAVE A GOOD DATA
REPORT.

33
00:03:20,659 --> 00:03:24,450
[CHEERS AND APPLAUSE]
>> THIS IS GMC ON PLUTO 1.

34
00:03:24,450 --> 00:03:26,370
>> GO AHEAD GNC.

35

00:03:26,370 --> 00:03:29,090
>> NOMINAL, ALL HARDWARE IS
HEALTHY AND WE HAVE A GOOD

36
00:03:29,090 --> 00:03:30,479
NUMBER OF THRUSTER COUNTS.

37
00:03:30,479 --> 00:03:35,569
>> COPY THAT, GNC IS HEALTHY.

38
00:03:35,569 --> 00:03:40,319
[APPLAUSE]
>> MOM, THIS IS PROPULSION ON

39
00:03:40,319 --> 00:03:41,639
PLUTO 1.

40
00:03:41,639 --> 00:03:43,629
>> GO AHEAD, POP.

41
00:03:43,629 --> 00:03:44,779
>> PROPULSION IS NOMINAL.

42
00:03:44,779 --> 00:03:46,750
PRESSURE IS 176.8.

43
00:03:46,750 --> 00:03:48,340
>> COPY THAT.

44
00:03:48,340 --> 00:03:56,069
PROPULSION SYSTEM IS NOMINAL.

45
00:03:56,069 --> 00:04:04,439
[APPLAUSE]
>> MOM, THIS IS POWER ON PLUTO

46
00:04:04,439 --> 00:04:05,439
1.

47
00:04:05,439 --> 00:04:06,439
>> GO AHEAD, POWER.

48
00:04:06,439 --> 00:04:09,439
>> POWER SYSTEM ALL TELEMETRY IS
NOMINAL.

49
00:04:09,439 --> 00:04:10,789
HARDWARE HEALTHY.

50
00:04:10,789 --> 00:04:16,280
>> COPY THAT, NOMINAL FOR POWER.

51
00:04:16,280 --> 00:04:17,380
>> MOM?

52
00:04:17,380 --> 00:04:20,930
[APPLAUSE]
>> MOM, THIS IS THERMAL ON PLUTO

53
00:04:20,930 --> 00:04:21,930
1.

54
00:04:21,930 --> 00:04:24,080
>> GO AHEAD, THERMAL.

55
00:04:24,080 --> 00:04:26,639
>> THERMAL REPORTS NOMINAL.

56
00:04:26,639 --> 00:04:28,070
ALL TEMPERATURES GREEN.

57
00:04:28,070 --> 00:04:29,569
>> COPY THAT.

58
00:04:29,569 --> 00:04:31,139
THERMAL IS NOMINAL.

59

00:04:31,139 --> 00:04:34,630

ALL TEMPERATURES GREEN.

60

00:04:34,630 --> 00:04:40,330

[APPLAUSE]

OKAY.

61

00:04:40,330 --> 00:04:48,319

PI, MOM ON PLUTO 1, WE HAVE A
HEALTHY SPACECRAFT.