



1
00:00:11,509 --> 00:00:06,150
hi i'm mike massimino and this is inside

2
00:00:19,429 --> 00:00:13,110
i'd never seen anything like it in space

3
00:00:23,429 --> 00:00:21,670
and i am inside the flight control room

4
00:00:26,150 --> 00:00:23,439
and we're getting ready to speak to dan

5
00:00:28,150 --> 00:00:26,160
burbank and don pettit they're in space

6
00:00:30,470 --> 00:00:28,160
we're going to see what they're up to

7
00:00:32,150 --> 00:00:30,480
hey don and uh dan howdy here

8
00:00:33,910 --> 00:00:32,160
hey man we got you loud and clear comet

9
00:00:35,430 --> 00:00:33,920
lovejoy and we want to ask you about

10
00:00:36,870 --> 00:00:35,440
that uh damage did you know what you

11
00:00:40,069 --> 00:00:36,880
were looking at and how did that bill

12
00:00:40,709 --> 00:00:40,079
come about actually i had no idea and um

13
00:00:46,150 --> 00:00:40,719

and

14

00:00:48,069 --> 00:00:46,160

had a lot of time to keep up with

15

00:00:49,590 --> 00:00:48,079

current events in them but i had no idea

16

00:00:52,470 --> 00:00:49,600

it was one night late at night i guess

17

00:00:54,869 --> 00:00:52,480

december 20th around 11 00 p.m

18

00:00:57,430 --> 00:00:54,879

and i was in the cupola watching some

19

00:00:59,910 --> 00:00:57,440

storms and lightning at night

20

00:01:01,189 --> 00:00:59,920

just north of australia and the sun was

21

00:01:02,549 --> 00:01:01,199

about ready to come up and right where

22

00:01:04,070 --> 00:01:02,559

the sun would be coming up there was

23

00:01:06,710 --> 00:01:04,080

this vivid

24

00:01:08,870 --> 00:01:06,720

uh greenish white line projecting

25

00:01:10,870 --> 00:01:08,880

perpendicular from the horizon straight

26

00:01:12,390 --> 00:01:10,880

up as far as i could see and i had no

27

00:01:15,190 --> 00:01:12,400

idea very very bright

28

00:01:16,950 --> 00:01:15,200

and uh it wasn't until the next day that

29

00:01:18,390 --> 00:01:16,960

we'd heard it was a comet so what what

30

00:01:20,230 --> 00:01:18,400

did you think it was dan you had

31

00:01:22,230 --> 00:01:20,240

absolutely no idea did you think you you

32

00:01:23,350 --> 00:01:22,240

know saw something uh what what went

33

00:01:24,950 --> 00:01:23,360

through your mind when you saw that

34

00:01:26,550 --> 00:01:24,960

thing actually

35

00:01:28,149 --> 00:01:26,560

i'd never seen anything like it in space

36

00:01:29,670 --> 00:01:28,159

before it did occur to me that it's

37

00:01:32,550 --> 00:01:29,680

possible it could have been a comet but

38

00:01:34,710 --> 00:01:32,560

there was no comets of any significant

39

00:01:37,030 --> 00:01:34,720

size i knew that while we were while

40

00:01:39,510 --> 00:01:37,040

we're in uh on space station so i knew

41

00:01:41,910 --> 00:01:39,520

there was nothing except for one very

42

00:01:42,950 --> 00:01:41,920

very distant one that was uh would be

43

00:01:44,870 --> 00:01:42,960

very difficult to see without a

44

00:01:46,789 --> 00:01:44,880

telescope and i hadn't even looked for

45

00:01:47,670 --> 00:01:46,799

that one before so it occurred it

46

00:01:49,429 --> 00:01:47,680

occurred to me it could have been a

47

00:01:52,149 --> 00:01:49,439

comet didn't know how one could sneak up

48

00:01:53,030 --> 00:01:52,159

on us like that and at one point i'm

49

00:01:55,270 --> 00:01:53,040

thinking

50

00:01:57,350 --> 00:01:55,280

maybe this is some

51
00:01:59,270 --> 00:01:57,360
uh effect of the green flash for example

52
00:02:01,350 --> 00:01:59,280
at sunrise sunset you may see this but

53
00:02:03,350 --> 00:02:01,360
the fact that it stayed for such a long

54
00:02:05,830 --> 00:02:03,360
time and projected across such a you

55
00:02:07,429 --> 00:02:05,840
know a long 20 degree or so i guess

56
00:02:09,510 --> 00:02:07,439
about 10 degrees

57
00:02:11,110 --> 00:02:09,520
across the sky

58
00:02:13,430 --> 00:02:11,120
i don't know i just really didn't know

59
00:02:15,830 --> 00:02:13,440
at that time what to think i drew it my

60
00:02:18,790 --> 00:02:15,840
crew notebook took one hasty picture

61
00:02:20,309 --> 00:02:18,800
that was poorly composed worse than even

62
00:02:21,190 --> 00:02:20,319
my my

63
00:02:25,430 --> 00:02:21,200

my

64

00:02:26,869 --> 00:02:25,440

pictures and it was the next day that we

65

00:02:29,350 --> 00:02:26,879

actually had some opportunity to take

66

00:02:31,190 --> 00:02:29,360

some shots and spend some time and by

67

00:02:33,270 --> 00:02:31,200

the next morning we had heard from our

68

00:02:35,190 --> 00:02:33,280

scientists exactly what it was well we