



1
00:00:17,510 --> 00:00:15,589
in previous webisodes you've seen a few

2
00:00:20,070 --> 00:00:17,520
clips of antarctic sea ice that i shot

3
00:00:21,750 --> 00:00:20,080
out the window of the dc-8 but now

4
00:00:25,670 --> 00:00:21,760
you're going to get a much better view

5
00:00:29,029 --> 00:00:27,349
a special camera was mounted in the

6
00:00:31,029 --> 00:00:29,039
belly of the plane for operation

7
00:00:35,270 --> 00:00:31,039
icebridge looking straight down

8
00:00:40,950 --> 00:00:37,910
this is an example of an hd video taken

9
00:00:43,830 --> 00:00:40,960
with this system on october 27th over

10
00:00:46,869 --> 00:00:43,840
the bellingshausen sea as we flew to pine

11
00:00:51,029 --> 00:00:48,709
the camera took thousands of stills on

12
00:00:53,270 --> 00:00:51,039
each flight the images will be matched

13
00:00:56,069 --> 00:00:53,280

with topographic data from the laser

14

00:00:59,189 --> 00:00:56,079

instruments on board to improve their

15

00:01:00,869 --> 00:00:59,199

height measurements

16

00:01:03,750 --> 00:01:00,879

here are two stills from our first

17

00:01:04,630 --> 00:01:03,760

flight on october 16th over the amudson

18

00:01:07,670 --> 00:01:04,640

sea

19

00:01:10,469 --> 00:01:07,680

taken when the dc-8 was 1700 feet above

20

00:01:12,870 --> 00:01:10,479

the ice the opening frame is about four

21

00:01:14,310 --> 00:01:12,880

tenths of a mile across and a quarter

22

00:01:16,789 --> 00:01:14,320

mile tall

23

00:01:18,789 --> 00:01:16,799

we zoom in for a closer look

24

00:01:23,270 --> 00:01:18,799

ending with a frame that's about one

25

00:01:23,280 --> 00:01:31,990

and here's another beautiful scene

26

00:01:36,230 --> 00:01:33,830

the camera system called the digital

27

00:01:38,870 --> 00:01:36,240

mapping system was developed by john