



UTC
248:17:10:01
CASSINI PLUNGE
+000:18:00:00
JUNE 30
+420:12:00:00

OPERATIONS CENTER
DEEP SPACE NETWORK

DATA CENTER



MISSION CONTROL



CASSINI MISSION AGE

MISSION CONTROL



1
00:00:03,980 --> 00:00:02,180
we launched a campaign called message to

2
00:00:06,619 --> 00:00:03,990
Voyager which was inspired by the

3
00:00:09,290 --> 00:00:06,629
uplifting messages on voyagers golden

4
00:00:12,070 --> 00:00:09,300
records so we asked you to submit

5
00:00:14,720 --> 00:00:12,080
messages of goodwill that we took and

6
00:00:17,090 --> 00:00:14,730
selected the top ones and put out to a

7
00:00:19,490 --> 00:00:17,100
vote these had to be short missions

8
00:00:23,029 --> 00:00:19,500
short messages no more than 60

9
00:00:25,130 --> 00:00:23,039
characters so we're gonna reveal today

10
00:00:26,870 --> 00:00:25,140
what you chose us the winning message

11
00:00:29,839 --> 00:00:26,880
and send that all the way out towards

12
00:00:31,790 --> 00:00:29,849
Voyager 1 in interstellar space oh who

13
00:00:34,400 --> 00:00:31,800

better to help us send today's message

14

00:00:36,500 --> 00:00:34,410

to Voyager than Captain Kirk that's

15

00:00:38,450 --> 00:00:36,510

right William Shatner is with us in

16

00:00:40,819 --> 00:00:38,460

Mission Control today what an honor I'm

17

00:00:43,100 --> 00:00:40,829

so pleased to be here it's a magical

18

00:00:46,040 --> 00:00:43,110

place JPL and this is a magical moment

19

00:00:48,860 --> 00:00:46,050

to send a message to Voyager

20

00:00:51,229 --> 00:00:48,870

and once it reaches Voyager it keeps

21

00:00:52,819 --> 00:00:51,239

going so it's like an advance man voyage

22

00:00:55,100 --> 00:00:52,829

you're coming wide you're coming you

23

00:00:56,569 --> 00:00:55,110

know to all the little green people out

24

00:00:59,450 --> 00:00:56,579

there that's right it's pretty exciting

25

00:01:01,400 --> 00:00:59,460

can't wait to see or hear maybe and some

26
00:01:02,569 --> 00:01:01,410
years from here if anybody says hello

27
00:01:06,039 --> 00:01:02,579
back to it wouldn't that be something

28
00:01:08,840 --> 00:01:06,049
amazing so also here with us today is

29
00:01:11,420 --> 00:01:08,850
DSN command engineer Annabel Kennedy and

30
00:01:13,700 --> 00:01:11,430
she's gonna be ready to send the message

31
00:01:17,570 --> 00:01:13,710
on your command she's gonna press the

32
00:01:20,240 --> 00:01:17,580
button that's right so this message was

33
00:01:22,539 --> 00:01:20,250
composed by some individuals that was

34
00:01:31,399 --> 00:01:22,549
chosen by committee

35
00:01:34,160 --> 00:01:31,409
once all the attempts to to show us to

36
00:01:35,690 --> 00:01:34,170
give us a message there was 30,000 or

37
00:01:37,490 --> 00:01:35,700
something like that's right 30,000

38
00:01:41,179 --> 00:01:37,500

people sometimes people communicated and

39

00:01:43,700 --> 00:01:41,189

this was winnow down to ten and now one

40

00:01:47,300 --> 00:01:43,710

of the ten has been chosen and you're

41

00:01:49,819 --> 00:01:47,310

going to give me the envelope and I've

42

00:01:51,969 --> 00:01:49,829

done this on award show they are below

43

00:01:55,310 --> 00:01:51,979

please and we read the message and

44

00:01:59,749 --> 00:01:55,320

Annabel hmm we'll press the button and

45

00:02:06,530 --> 00:01:59,759

the message will go out to Voyager to

46

00:02:11,690 --> 00:02:09,560

I am so excited I wonder what their what

47

00:02:15,590 --> 00:02:11,700

their what they wanted us to say I

48

00:02:19,910 --> 00:02:15,600

wonder only what there's less than 60

49

00:02:21,590 --> 00:02:19,920

characters that's a half a half a tweet

50

00:02:23,780 --> 00:02:21,600

that's right it's not a lot of space in

51
00:02:26,870 --> 00:02:23,790
order to put in a really up without a

52
00:02:33,100 --> 00:02:26,880
lot of space for a larger perfect yeah

53
00:02:33,110 --> 00:02:38,260
all right so now I'm going to open it up

54
00:02:49,170 --> 00:02:45,750
and all of her Jenkins

55
00:02:52,619 --> 00:02:49,180
all of her Jenkins is the message that's

56
00:02:54,600 --> 00:02:52,629
been selected and this is Annabel this

57
00:02:55,979 --> 00:02:54,610
is the message am I going to read it out

58
00:02:59,929 --> 00:02:55,989
yeah let's have you read it

59
00:03:05,100 --> 00:02:59,939
we offer friendship across the stars you

60
00:03:09,149 --> 00:03:05,110
are not alone it's fantastic what a

61
00:03:11,069 --> 00:03:09,159
great message by Oliver Jenkins I love

62
00:03:12,449 --> 00:03:11,079
that are you gonna send it out now I am

63
00:03:19,890 --> 00:03:12,459

ready to send it are the hailing

64

00:03:23,430 --> 00:03:19,900

frequencies for the Trekkies okay I'm an

65

00:03:26,819 --> 00:03:23,440

engineer animal Kennedy send the message

66

00:03:31,649 --> 00:03:26,829

on your command and we are active on

67

00:03:37,440 --> 00:03:31,659

three two one active and we are

68

00:03:46,379 --> 00:03:43,099

[Applause]

69

00:03:50,129 --> 00:03:46,389

delighted I mean when you think of the

70

00:03:52,170 --> 00:03:50,139

mysterious void that's out there and

71

00:03:54,720 --> 00:03:52,180

what little we know and we're sending a

72

00:03:57,270 --> 00:03:54,730

message out and it goes into the Stars

73

00:03:59,099 --> 00:03:57,280

it goes we don't know how long that'll

74

00:04:01,979 --> 00:03:59,109

take how long will that take

75

00:04:06,180 --> 00:04:01,989

I know I don't mean how long I mean this

76

00:04:10,439 --> 00:04:06,190

this electrical impulse traveling just

77

00:04:12,479 --> 00:04:10,449

be like goes does it ever decay it can't

78

00:04:15,990 --> 00:04:12,489

it will spread out eventually over many

79

00:04:17,460 --> 00:04:16,000

many many many light-years yes but

80

00:04:19,020 --> 00:04:17,470

eventually if there's something out

81

00:04:21,320 --> 00:04:19,030

there with that with a big enough

82

00:04:23,219 --> 00:04:21,330

antenna that can listen how who knows

83

00:04:27,570 --> 00:04:23,229

yeah out there you don't need big

84

00:04:28,980 --> 00:04:27,580

antennas they have little so it spreads

85

00:04:30,870 --> 00:04:28,990

out and goes forever

86

00:04:34,170 --> 00:04:30,880

it just goes forever because it's a

87

00:04:35,460 --> 00:04:34,180

light it's a photon it's radio signals

88

00:04:39,240 --> 00:04:35,470

that are going out electromagnetic

89

00:04:47,580 --> 00:04:39,250

frequencies yeah right but it's not a

90

00:04:49,170 --> 00:04:47,590

photon okay I am so happy thank you it's