



COLUMBIA



1

00:00:01,100 --> 00:00:04,050

NASA Launch Commentator George Diller: From  
Space Launch Complex 4 at Vandenberg Air Force

2

00:00:04,050 --> 00:00:06,600

Base in California,

3

00:00:06,600 --> 00:00:13,670

this is Falcon Launch Control at T-2 hours,  
41 minutes, 35 seconds and counting.

4

00:00:13,670 --> 00:00:18,760

The Jason-3 international oceanographic topography  
mission is on schedule this morning

5

00:00:18,760 --> 00:00:24,910

for launch from Vandenberg at 10:42 a.m. Pacific  
time.

6

00:00:24,910 --> 00:00:29,100

There is a 30-second launch window this morning.

7

00:00:29,100 --> 00:00:35,780

Jason-3 will add to a 23-year satellite record  
of global seas surface heights,

8

00:00:35,780 --> 00:00:40,179

a measurement having scientific, commercial  
and practical applications related to climate

9

00:00:40,179 --> 00:00:41,289

change,

10

00:00:41,289 --> 00:00:47,760

ocean currents and weather forecasting. Data  
from Jason-3 will be used to monitor sea level

11

00:00:47,760 --> 00:00:48,409

rise,

12  
00:00:48,409 --> 00:00:54,639  
researching human impacts on the world's oceans  
and aiding prediction of hurricane intensity.

13  
00:00:54,639 --> 00:01:00,859  
The mission is planned to last three years  
with a goal of lasting up to five years. Jason-3

14  
00:01:00,859 --> 00:01:01,749  
is a four-agency,

15  
00:01:01,749 --> 00:01:09,490  
collaborative international partnership between  
NOAA, NASA, the French space agency CNES,

16  
00:01:09,490 --> 00:01:16,170  
and the European Meteorological Satellite  
agency EUMETSAT.

17  
00:01:16,170 --> 00:01:26,000  
Right now in the countdown, we're concluding  
the loading of the RP-1 storable kerosene

18  
00:01:26,000 --> 00:01:26,539  
fuel