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(EXCERPTED)

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2 SOUTHERN DISTRICT OF TEXAS
3 HOUSTON DIVISION

4 WESTERNGECO LLC * 09-CV-1827
5 VS. * Houston, Texas
6 ION GEOPHYSICAL * 12:11 p.m.
CORPORATION, FUGRO *
7 GEOTEAM, INC., ET AL * July 24, 2012

8 JURY TRIAL

9 Volume 2
10 Afternoon Session

11 BEFORE THE HONORABLE KEITH P. ELLISON
12 UNITED STATES DISTRICT JUDGE

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I N D E X**WITNESS****PAGE****THOMAS SCOULIOS**

CROSS-EXAMINATION BY MR. THOMPSON..... 457

REDIRECT EXAMINATION BY MR. LOCASCIO..... 479

SIMON BITTLESTON

DIRECT EXAMINATION BY MR. GILMAN 495

CROSS-EXAMINATION BY MR. BURGERT..... 570

Direct-Bittleston/By Mr. Gilman

01:12:56

1 we chose to make. This is a two-wing bird. You can see
2 the two wings there marked 28, and they're attached to a
3 stiff center body by some wing routes, 32, and then
4 there's some motor drivers, one for each wing, 34. That
5 means the wings act actually independently of each other.
6 And then at the heads and tail, you have some bits of
7 streamer, in fact, some short sections of flexible.

01:13:11

8 That's flexible parts. So it's just the center part
9 that's stiff. And there are other components in that
10 streamer, things like spaces.

01:13:26

11 And the point about this bird is how it
12 works, which I think, as you can get a bit feel from here,
13 is that if you're just flying horizontally, you just move
14 the wings up and down together; but if you want to suddenly
15 go vertically, move the streamers sideways, what you do is
16 you just put them slightly at a different angle. That's
17 called a splay angle. And that rotates the whole thing.
18 So it start to go like that. It's like an airplane banking
19 around the corner. And then you put them in the right

01:13:41

20 position and then they'll pull the streamers sideways. And
21 by doing something in between, you can control both the
22 sideways movement and the depth movement at the same time.
23 So it's really quite like a plane in terms of the way in
24 which it moves.

01:13:51

25 Q. How many of these planes would be on a given streamer

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