

>> MR. ABDULLAH (Fugro Earth Data): Thank you. I want to reiterate what I said yesterday and what Dr. LaPine said, I'm glad he changed his mind because I thought he would never praise ITRF, that is a big change.

That's good. We are in good shape now. So, because it goes along that there was concern about you know, whether I use lat or long, how can we live without that NAD 83, which is true the way we are. We have to make a leap, a very courageous leap; we will have to sacrifice, otherwise we will stick to the NAD 83 and NAVD 83 the way we are sticking to the international feet. We cannot move to metric because community that is big but our community, we should be able to move to ITRF.

I tell you, a future generation will sit in a hall like this and they will praise your step whatever you took.

And for the common reason, NAVD 27, when we created it we were isolated, North American continent. This is not valid any more. The communication and the GPS connected. The International Society got permission of earth rotation; they have access to universities, organizations. They are building the best model. Those people determine the center of the centimeter.

So let's benefit from their knowledge, cooperate with them, provide -- put it in the model, the model and ours will be accurate because if we have Dr. Lapine and other stations, you will overweight everything so you will be accurate over North American continent. When I started with mapping photogrammetry, I started with Kelsh plotter -- I'm not very old. I'm old but ... there is the generation. When I think now, I can fly laser on the airplane and I collect 400,000 points per second. Please pay attention. I'm not talking about compiled point every 3 seconds or four seconds. I'm talking about 400,000 that the optic latest one, the pulse rate, 400,000 per second. So I want you to look ten years from now. Is anybody dare to tell me where our industry is going to be, where the GPS, the accuracy?

So let's stay away. I know it's we are very comfortable passionate about this whether passive control, whether monument, but, I tell you, in ten, fifteen years, there is a big chance people will laugh at it when they think those people, they used to build monuments, concrete, 10 feet to 20 feet to the ground because look at the GPS, the GNSS in general, if China sends us COMPASS, an GALILEO and in our lifetime , 5 and in 20 years, we don't know, you might somebody said like Dave, your watch can give you five centimeters so why do I need benchmarks. That's all it to say.

Thank you.