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**Re: Forward-looking MBES**

1 message

**WRIGHT, Glenn** <p1301@wmu.se>

Tue, Apr 11, 2017 at 5:16 PM

To: Whitney.E.Anderson@nga.mil

Cc: Jennifer Jencks - NOAA Federal &lt;jennifer.jencks@noaa.gov&gt;

Hi Whitney,

Thank you for getting back to me so quickly and for the detailed explanation. Most appreciated. I cannot disagree with the thought that a Guidance Document should not be too technical, have no major problem with the text as it presently exists and am very happy that MBES is still in there.

My only suggestion is to make a slight revision to the first sentence of paragraph 2.3 on page 10 that actually makes the description more complete and correct by acknowledging the athwartship and forward-looking orientations of multibeam echosounders and noting that swath data is acquired, distinguishing it from the track line data acquired by SBES. My suggested text is as follows:

**2.3 Multibeam Depth Sounders**

"Multibeam depth sounders collect depth measurements across a swath of the bottom by emitting a large number of focussed beams of sound below the hull in an arc either athwartship or forward of the bow." ...

I know swath is also mentioned in para. 4.2.2 on page 21, but including it both in paras. 2.3 and 4.2.2 will do no harm and actually better describes the technology.

Hope my comments are constructive. Leaving out MBES altogether would have been a mistake, and I agree with you that including technology that will become one of the greatest CSB data resources will ensure the Guidance Document will not quickly become obsolete.

Please let me know if you have any questions or if I can clarify my thoughts better.

Best regards,  
Glenn

On Tue, Apr 11, 2017 at 11:32 AM, <Whitney.E.Anderson@nga.mil> wrote:

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Hi Glenn,

Just got a note from Jenn about your question about the reference to forward-looking MBES in the document, and I thought I should reach out to you personally. In this last round of comments, we received feedback from several WG members, including members of the board, that discussion of multibeam systems was too technical and/or unnecessary in this edition, as DCDB was not yet equipped to receive MBES data through the Trusted Node workflow. I disagreed, as I feel that MBES data will be some of the most valuable CSB data, now and in the future - and we've included discussion of other highly technical material. I was overruled.

The text that you see in the document now was an attempt to include some discussion of MBES, and prevent it from being removed from the document completely. I was also requested to remove the graphic showing coverage of leadline/singlebeam/multibeam coverage - which is why the graphic of forward-looking sonar isn't in there, either. If you feel that the information should be included, I would recommend that you reach out to Jenn and/or the board. There's still an opportunity to include the information in the 'formal' draft of the document, which will go out in June.

Best,  
Whitney

Whitney Anderson  
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