

Hans Terje Meland

Fra: Knudsen, Hans Petter <hans.petter.knudsen@imr.no>
Til: Hans Ove Holmoy (E-post) <hoh@skipsteknisk.no>
Kopi: NyGOSars <nygosars@IMR.no>
Sendt: 24. oktober 2001 13:05
Emne: VS: Draft notes

Hans Ove,
jeg fikk i går et ukast til notatet fra Ron for gjennomsyn før han sendte det videre. Det er stort sett det samme som du la ved i din mail i dag. Både Thorolf og jeg har lest gjennom det og vi synes begge det er veldig bra. Jeg har også svart Ron, som du ser nedenfor. Vi er enige om at det er meget verdifullt for prosjektet å ha en person med den erfaring og innsikt som Ron har, til å bedømme arbeidet som DnV gjør. Dette tror vi medvirker til at de tar oppgaven mer alvorlig og gjør hva de kan for å komme i mål på en tilfredsstillende måte.

med vennlig hilsen

Hans Petter

-----Opprinnelig melding-----

Fra: Knudsen, Hans Petter
Sendt: 24. oktober 2001 12:28
Til: 'acoustec@acoustec.demon.co.uk'
Emne: SV: Draft notes

Dear Ron,

Thank you very much for your thorough notes of the meeting. I have not much to comment, it seems like you cover all of importance. Anyway, I have passed copies to my colleagues here, in case they have something to add. Thorolf just returned it with the comment that this is a very useful document. He mentioned especially the last part: "Matters to be followed up". It is good to have a highly experienced person to evaluate the work of DnV, so they understand that they have to take the project very seriously.

Concerning the transducer cables, I have specified steel tubes all the way from transducer connection room to acoustic centre and bridge. However, the new generation of echo sounders have separate general-purpose transceivers (GPT) to be installed near the transducers in order to improve the signal-to-noise ratio. The GPTs themselves have also reduced internal noise compared to previous transceivers. We will have the GPTs installed in the transducer connection room and the connections to the processors in the acoustic lab go via Ethernet cables, which are rather noise immune. The transducer cables between the drop keels and transducer connection room must go in a flexible loop and in this part we cannot have steel tubes. Simrad have changed cable types on the split-beam transducers several times. Originally they had separate shield for each pair and a common shield in addition, but now they use four twisted pairs with common, double shield. I have not been able to detect any difference in quality for these types of cables.

With best regards

Hans Petter

-----Opprinnelig melding-----

Fra: Ron Mitson [mailto:acoustec@acoustec.demon.co.uk]

Sendt: 23. oktober 2001 16:02

Til: hansk@imr.no

Emne: Draft notes

Dear Hans Petter,

A first draft of my notes of the meeting are attached. I thought you might like to see them before final formatting etc.

Ron