

Dear Editor and Reviewers,

We have taken into account the additional recommendations of the Referee 2. The changes in the manuscript are marked in red and listed below (in accordance with the report of the Referee).

- 1) We have added one sentence to the Introduction section page 1, that as we believe makes the paragraph more coherent. We also agree, that the sentence about the term “soliton” is confusing and we have decided to remove it from the manuscript.
- 2) We agree, that our phrase “formulated for the wave train itself” is not clear. From the other side, the redaction suggested by the Referee is also not completely correct since the DZ equation is written in terms of special canonical variables. Thus we have used the text suggested by the Referee with some additional corrections – see the page 2.
- 3) We have added a short discussion of the minimum value of the amplitude amplification to the section 4, page 8 and to the beginning of the section 4.1 - see the text marked in red.
- 4) The DZe equation is the envelope form of the DZ equation. Thus the DZe equation has the same range of applicability and solutions of the DZ and DZe equations are in one-to-one correspondence. We have clarified it on the page 5, right after the formula (13) – see the text marked in red, see also the sort text in red at the beginning of the Conclusion section.
- 5) We agree with this comment. It is non necessary to say about the absence of exact N-soliton solutions in this paragraph. We have remained only the statement about the inelasticity of the interactions – see the corrected text marked in red on the page 16.

The simple technical corrections 6-9 and 11-13 were made and marked by the red colour. In accordance with the comment 10 we have clarified that the problem with amplitude parameter C_0 is the absence of analytical relation between C_0 and the input parameters of the Petviashvili method - V and Ω . Thus to find DZe soliton having certain C_0 and V , we fix V and vary Ω – see the text marked in red at the beginning of the section 3.

Sincerely yours,

Dr. Dmitry I. Kachulin and Dr. Andrey A. Gelash