

## Journal of Navigation

The **Journal of Navigation** is an international journal publishing original work on the latest research developments and historical aspects of navigation on land, at sea and in the air; it also provides a forum for navigators, engineers and academics to raise more controversial topics for discussion.

### Submissions

Two copies (the original plus one), or a diskette or e-mail attachment, should be submitted to the Editor by post at:

**Wing Commander Norman Hughes, OBE**  
**Editor, Journal of Navigation, 1 Kensington Gore, London SW7 2AT.**

Or by e-mail to:

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**Tel: +44 (0)20 7591 3133, Fax: +44 (0)20 7591 3131**  
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Articles should be 4000-6000 words long, although articles longer than 6000 words will be accepted on an occasional basis, if the topic demands this length of treatment. Authors are responsible for ensuring that all manuscripts (whether original or revised) are accurately typed before final submission. Manuscripts may be returned to the author with a set of instructions if they are submitted in a form substantially different to our style.

Contributions are normally received with the understanding that they comprise original, unpublished material and are not being submitted for publication elsewhere. Translated material, which has not been published in English, will also be considered. Most articles are refereed to ensure both accuracy and relevance, and amendments to the script may thus be required before final acceptance. On acceptance, contributions are subject to editorial amendment, but authors will receive proofs for approval before publication. Corrections can be returned by normal (or air) mail or fax/e-mail if these are minor amendments (see PROOFS).

### Shorter items

- The FORUM section exists for the expression of opinion, and allows authors to submit material which might not be appropriate for full length articles but which contains ideas worthy of publication and discussion (1500-2500 words).
- BOOK REVIEWS are welcomed (800-1200 words).
- The RECORD section includes conference reports and other issues of interest on navigation.

## Presentation of manuscripts

Manuscripts should be typed single-sided and double-spaced, and conform as closely as possible to the *Journal* style. Every sheet should be numbered. Footnotes, abstract and references should also be double-spaced. International Standard Size A4 paper is preferred with a left-hand margin of 40mm.

### Arrangement of papers

1. Short title (up to 40 characters including spaces), subtitle (if desired), author's name and affiliation. Respective affiliations of co-authors should be clearly indicated.
2. Self-contained abstract of up to 100 words, outlining in a single paragraph the aims, scope and conclusions of the paper; key words (maximum four); acknowledgements (if any).
3. Main body of text, suitably divided either under numbered side headings with un-numbered and un-titled paragraphs, or numbered main paragraphs with titles containing related, numbered sub-paragraphs for which further headings are optional (i.e. paragraph numbering – 3., 3.1, 3.1.1 etc).
4. Acknowledgements (if any).
5. References.
6. Appendices if appropriate.
7. Originals of tables used in the text (each on a separate sheet).
8. Originals of illustrations used in the text (preferably with captions on a separate sheet or well separated from the illustration to enable scanning).

The text should be organised under appropriate side or main paragraph headings, which, ideally, should not be more than 500-600 words apart. If side headings are used, they should be in capitals and placed on the left-hand side at the start of the related text, with a double-line space above and below. If main paragraph headings are used, they should be in capitals and placed at the beginning of the paragraph text with a double-line space above; the first line of sub-paragraphs should be indented with titles in italics. Authors are urged to write as concisely as possible, but not at the expense of clarity. Descriptive or explanatory passages, necessary as information but which tend to break up the flow of the text, should be put into appendices. Units, symbols and abbreviations should conform to the recommendations contained in the Royal Society publication *Quantities, Units and Symbols* (1975).

### Text preparation on disk or e-mail

The Editor encourages submissions to the *Journal* on disk or by e-mail; however, copies of illustrations/figures need to be to a high standard or provided as hard copy prints.

## References

For *The Journal of Navigation* the Harvard style system is the preferred reference system: authors' names (no initials) and dates (and specific pages, only in the case of quotations) are given in the main body of the text, e.g. (Kemp, 1998, p29) or (Steele and White, 1996). References should be listed alphabetically at the end of the paper, double-spaced and conform to current *Journal* style as below:

*For The Journal*

Rosenkrans, W. A. (1978). Aeronautical chart servicing. *This Journal*, **31**, 39-51.

*For other journals*

Smart, W. M. (1946). On a problem in navigation. *Monthly notices of the Royal Astronomical Society*, **106**, 124-127.

#### *For Book*

Skolnik, M. I. (1976). *Radar Systems*. McGraw-Hill, Inc.

#### *For Proceedings*

Helwig, A. W. S., Offermans, G. W. A. and van Willigen, D. (1996). Implementation and testing of Eurofix in standard Loran-C receiver technology. *Proceedings of the 25<sup>th</sup> Annual Technical Symposium of the International Loran Association*, San Diego, CA.

#### *Other publications*

Where there is doubt, include all bibliographical details.

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Tables should be numbered consecutively in Arabic numerals and given a suitable caption. Notes and references within tables should be included with the tables, separately from the main text. Notes should be referred to by superscript letters. All table columns should have an explanatory heading. Tables should not repeat data available elsewhere in the article, e.g. in an illustration.

## **Illustrations**

All graphs, diagrams and other drawings should be referred to as Figures, which should be numbered consecutively in Arabic numerals and good camera-ready copies provided on separate sheets at the end of the manuscript. All illustrations must have captions preferably on a separate sheet or well separated from the illustration to enable scanning. Copies should also be included in the text or their required position clearly indicated. Photographs are welcome, where they add materially to the text and will be reproduced in black and white. Colour reproduction is available if the author is willing to bear the additional printing costs. Only the original need be submitted; it should be identified on a label (by number, article title and journal) on the back. Captions should be provided, on a separate sheet. Electronic figures are preferred in 'gif' or 'eps' formats.

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- Have you told readers, at the outset, what they might gain by reading your paper?
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