

TECHNICAL REQUIREMENTS FOR PAPERS ARRANGMENT for journal "GEODESY, CARTOGRAPHY AND AERIAL SURVEY"

Materials must be submitted in hard copy and electronically in the program Microsoft Word 2003 or earlier – files *.doc (MS Office versions 2007, 2010 – files *.docx, *.docm – not accepted).

Rules the papers design.

Page parameters: page size A4; fields: left – 18 mm, right – 25 mm top – 20 mm, bottom – 27 mm.

A cap of article is typed with font TNR and the entire width of the sheet (in one column) in the following order:

- index UDK (in the upper left corner of the page) – in the first line with alignment to the left (font TNR 12, semi-bold), the interval before – 0 pt, after – 12 pt;

- full list of (co) authors in the second line, aligned with the left edge (font TNR 12 in capital letters).

Interval before – 0 pt, after – 6 pt;

- information about (co) authors (font TNR 9 lowercase letter). Interval before block – 0 pt, after – 12 pt;

- title of the article – with alignment to the left (font TNR 12, bold, capital letters). Space after – 12 pt;

- summary with the alignment on width, font TNR 9. – 0 pt;

- key words with alignment on width, font TNR 10, simple; before the list it is given with italics indicates the word. *Key words*: sign section – the semicolon, at the end of the list the point is not required. Interval after – 12 pt;

- the main text of the article is placed in two columns of equal width with the distance between the columns of 0.5 cm and an alignment on width. The article is typed with font TNR 11 pt, intervals 1.0, lower case letters. Indentation at 6 mm from the beginning of the line is the same across the paper. Align of paragraphs is on the width. Paragraphs are not separated from each other. Titles are typed with font TNR 11 pt, bold, lower case letters. No first line indent, centered. From the previous text subtitles are separated at intervals of 12 pt, from the following – 6 pt.

A set of tables. Tables should give the reader information in clear and intelligible form, must be written in concise, clear and contain the minimum information required to illustrate the text. When placing a table on multiple pages under its continuation/end should be respectively states Continued/End Table. 1. Top of table and column must be repeated on each page of the table. The table should be printed as close as possible to the first reference to it in the text. Tables are typed in Microsoft Word. *Number of tables*: conventional style (font TNR, size 10 pt, italic), with alignment to the right. *Table title*: font TNR, size 10 pt, bold, centered, space before – 0 pt, after – 6 pt. *The text and column headings of the table* are printed with basic font 10 pt with alignment to the middle of the corresponding column.

Illustrations. Figures and images (raster, black and white, with a resolution lower than 300 dpi) are inserted in the text. Illustrations are provided as separate files JPEG, TIFF. The first references to the illustrations in the text should usually directly precede an illustration or, at least, to be located as close as possible to the figure. Usually the references are given in the following form: ... As shown in Fig. 1 or ... The diagram (fig. 1) shows ... When you repeat references in the text to the illustration it should be printed as (see fig. 1). *Title of figure* should be out of figure, spacing before and after – 6 pt, typed with font TNR 11 pt, lower case letters, centered.

A set of formulas. For a set of formulas it should be used the built-in Word for Windows equation editor Microsoft Equation 3.0 or MathType 5. Formulas are placed in separate rows in the middle of column, and only a simple, small formulas that have no independent value, can be placed inside the text lines. As an exception, it is allowed only for cumbersome formulas (which can not be divided into parts of) to be placed on the full width of the page, not in two columns. Arabic numbers in parentheses indicate the sequence number of formula in the article. It is placed in the right end of the set in one line of a numbered formula. If formula is multiline, the number is placed in line with the last line of the formula. Before and after the formula – the interval of 6 pt.

The general rules: 1. The figures in the formulas are printed with regular font; 2. Letter notation of values (symbols), for which the letters of the Latin alphabet are used should be printed in italics; 3. Reduced mathematical terms (eg, sin, arcsin, lg, lim, const, max) are printed with regular font; 4. Abbreviated names of the physical and technical units, metric weights and derivatives of them are printed in direct font, without points, for example: 12 km; 5. Reduction in the indexes are printed with regular font, for example: *L*flt (ie *L* of flight); If the index is a symbol of magnitude, it is printed in italics, for example: (*x* – coordinate); 6. It is not permitted to place designation for units of measuring along with formula that reflects relationship between variables or between their numerical values in the form of letters. Editor formulas must have the following parameters – dimensions: overall – 11 pt, large indexes – 8 pt, small indexes – 6 pt, big characters – 17 pt, small characters – 11 pt; style: the text of functions, variables, matrix-vector, the number – the font TNR, for the rest of styles – the font Symbol.

References (double column structure of paper is kept). A list of sources is placed in alphabetical order and is provided with the subtitle REFERENCES (if the article English) – TNR 10 pt, in capital letters, which is separated from the main text and the list of references with intervals: before 12 pt, after 6 pt and placed in the middle of column. The presence of references in the paper is obligatory!

Then by one column are given:

- a full list of (co)authors, information about the (co)authors, title, abstract, keywords on Russian (for Ukrainian language papers) or Ukrainian (for Russian language papers) – format meets the requirements for design of paper;
- block in English and Latin: full list (co)authors, title, abstract, keywords – format meets the requirements for design of paper;
- references – Ukrainian and Russian literature is transliterated in Latin letters according to the rules of transliteration (see. Table) and in square brackets is added translation of title and edition details in English.