

Pursuant to Article 18, paragraph 1, item 3, in reference to Article 55, paragraph 1 of the Law on the National Bank of Serbia (RS Official Gazette, Nos 72/2003, 55/2004, 44/2010, 85/2005 – other laws, 76/2012 and 106/2012), the Governor of the National Bank of Serbia hereby issues the following

**DECISION  
ON THE ISSUE AND MAIN FEATURES OF THE 2000-DINAR  
BANKNOTE**

1. The National Bank of Serbia shall issue banknotes in denomination of 2000 dinars.

2. The 2000-dinar banknote shall be printed on tinted, secure paper with a multi-tone watermark bearing the portrait of Milutin Milanković and an OVD element (hereinafter: kinegram) on the obverse, placed in the lower part, between the portrait and value numeral “2000”.

The kinegram contains the designation of value numeral “2000” and a stylised image of the “Tower of Babel of Modern Technique” (the last scientific paper of Milutin Milanković in the construction field) and the microlettering “2000 ДИНАРА”, alternately written in Cyrillic and Latin alphabets on the left and right contours of the motif and in its middle. The central value numeral “2000” contains rows of the nanotext “2000 ДИНАРА” in Cyrillic and Latin alphabets. The bottom of the demetalised part of the kinegram contains value numeral “2000”. The elements of the central motif which widen from the middle to the edges of the kinegram, as well as value numeral “2000” on the contour which convexly enlarges, complete the overall appearance of the kinegram. Depending on the viewing angle and the angle of incidence, the kinegram forms these elements which change colour and overrun one another.

Embedded on the reverse is the magnetic, interrupted security thread, bearing the microlettering “DINAR ~ ДИНАР” in the negative, which continuously repeats and reads both from the obverse and reverse (the security thread and microlettering are clearly visible on the reverse, and are visible on the obverse under the light making the banknote transparent). A feature of the magnetic interrupted security thread is a machine readable security element.

Embedded into the paper are visible security fibres in yellow, blue and red, with yellow and red fluorescing yellow and red under ultra-violet light.

The banknote shall be printed in a combined technique – the obverse in intaglio, multicoloured offset and screen print, and the reverse in multicoloured offset and relief printing technique for numbering.

The numbering contains two letters and seven numerals and is printed twice on the reverse – once in black and once in red. The numbering is printed in red and is placed in the upper part between the Great Coat-of-Arms of the Republic of Serbia and value numeral “2000” in the positive, fluorescing red under ultraviolet rays. The numbering is printed in black and placed in the lower part along the right edge of the fully printed part, above the smaller denomination mark “2000”, fluorescing green under ultraviolet rays.

3. The 2000-dinar banknote measures 74x155 mm.

### **Obverse of the banknote**

4. The layout is horizontal.

The left side features the portrait of Milutin Milanković in intaglio print. To the left of the portrait, in the lower part, the wording “Milutin Milanković” is written in three rows, in Cyrillic and Latin alphabets, as well as the years of his birth and death “1879–1958”. Below the text is Milutin Milanković’s signature.

The central part of the banknote is dominated by the figure of Milutin Milanković sitting at his work desk; presented below is the graphic presentation of his calculations of the movements of the snow line for the past portion of the Quaternary of 600,000 years. The names of ice ages and periods of time (in thousands of years) are presented in microlettering and are integral to this graph. Their enlarged fragment is placed to the left of the figure. The background of this motif consists of basic lines and meridians of the division of the northern map of the firmament, with a discreet presentation of the north celestial pole. Value numeral “2000” in free order, with mild convex and concave deformation, in the form of microlettering, is placed against the light olive background in the far left and the right part of the banknote. The border of the fully printed area and the white surface in outer zones contains, above and below, a line of microlettering in blue, placed from the continuously repeated number “2000”.

Value numeral “2000” in the negative is placed in the upper right corner of the fully printed area, while the value numeral in the positive is placed in the lower part of the white surface.

The wording “Narodna banka Srbije” in intaglio print is written in Latin alphabet in two rows and placed in the white surface in the right corner, while the same text in intaglio print, in Cyrillic alphabet and in two rows is placed near the left margin of the banknote – the words “Narodna banka” in the positive and the word “Srbije” in the negative.

Above the wording “Srbije”, written in Cyrillic alphabet in the negative, there is an intaglio mark for the visually impaired persons (a simplified graphic presentation of the spiral galaxy within a square frame). To the left of this wording there is the microlettering “NBS” printed in the same technique, in Cyrillic and Latin alphabets in six rows.

In the upper part of the white surface, there is a security element in optically variable colour (OVI) in screen print, containing the logo of the National Bank of Serbia in the negative. Depending on the viewing angle, the colour of this security element changes from gold to green.

There is a kip effect in intaglio print in the lower right part of the white surface of the banknote, above value numeral “2000”, containing the text “NBS” in Cyrillic alphabet, and below and above it there is the microlettering “NBS” in Cyrillic alphabet in the upper part, and in Latin alphabet in the lower part. This kip effect is viewed in the same manner as the one in the upper part of the white surface. This text can be seen only when viewing the banknote under particular angles (the direction of viewing must be as close as possible to the banknote plane sloping by 45 degrees in both rotation directions), showing its picture both in the negative and positive. Along the upper and lower edges of the element there is the microlettering “NBS” which is repeated – in Cyrillic alphabet in the upper part and in Latin alphabet in the lower part.

In the lower part of the banknote, to the left of value numeral “2000”, there is a see-through register representing one half of the full image which can be seen as a whole under the light, together with a part of the corresponding image on the reverse (the whole image consists of a stylised presentation of the trajectory of the Solar System planets with the Sun in the middle).

To the right of value numeral “2000” in the negative, the wording “dve hiljade dinara” is placed in the Latin alphabet, in the positive, while the same text in Cyrillic in the negative is placed in the lower part of the banknote, to the right of the portrait.

Along the right edge of the banknote, against the light olive background there is the wording “falsifikovanje se kažnjava po zakonu” first in

Cyrillic and then in Latin alphabets, followed by a discretely designated value numeral “2000”.

### **Reverse of the banknote**

5. The layout is vertical.

The reverse of the banknote contains the figure of Milutin Milanković. Above it, there is a fragment of the stylised presentation of the solar disk. The central part of the reverse is dominated by a presentation of Milanković’s work “The trajectory of the north celestial pole”. Value numeral “2000” in free order, with a mild convex and concave deformation, in the form of microlettering, fills the part below this presentation. The lower part of the reverse contains a graphic presentation of the mechanical model which simulates all movements of the Earth and the Moon on the trajectory around the Sun. The total picture of the reverse is completed by parts and details of drawings from Milutin Milanković’s inheritance. The drawing of the triangle is filled with a light turquoise nuance, and is placed from the continuously repeated microlettering of the name of Milutin Milanković, alternately in Cyrillic and Latin alphabets – the upper part in the negative and the lower part in the positive. The microlettering “2000ДИНАРА2000DINARA” is continuously repeated along the two curves of the drawing placed in the upper left and the right zone of the fully printed area of the reverse. The line of the microlettering “НБС–NBS” is placed in the far lower part and continuously decreases towards the right side of the banknote. Fragments of the graph of climate changes during the course of the Quaternary and the corresponding years (in thousands) in the form of microlettering are placed in the lower right part, next to the triangle, with discreet presentation of the same graph in the left lower part of the reverse.

Value numeral “2000” in the positive is placed in the upper right corner of the white surface against a discreet olive background, and the one in the negative is placed in the lower left corner of the fully printed area.

In the upper right corner of the fully printed area the wording “dve hiljade dinara” is placed in Cyrillic letters in the positive, and (below it) in Latin letters in the negative. The lower right part of the white surface contains the wording in three rows, from top downwards in Cyrillic and Latin alphabets: “Beograd”, “godina” and “guverner” with the designation of the year “2012” in the negative. Below these words is a facsimile of the signature of Governor Jorgovanka Tabaković. The upper and lower edges of the fully printed part contain the wording “Narodna banka Srbije – Zavod za izradu novčanica i kovanog novca – Topčider” (the upper text in Cyrillic letters and the lower text in Latin letters). The lower right corner of the fully printed area contains the microlettering “2000 dinara” in the positive, alternately in Cyrillic and Latin

alphabets, in eight rows. A smaller value numeral “2000” is placed above the microlettering.

The upper left corner of the banknote features the Great Coat-of-Arms of the Republic of Serbia against an olive background, and this background under the Coat-of-Arms contains a shaded multiplied number “2000” and microlettering in the lower part.

The second part of the see-through register referred to in Section 4, paragraph 8 hereof is located in the upper left corner of the banknote, on the border between the white surface and the fully printed area.

6. The obverse and reverse of the banknote are dominated by shades of grey-olive, with the addition of yellow-orange and blue. The orange shades of the number “2000” and yellow shades on the middle of the reverse intensively fluoresce yellow, while blue shades on the obverse and reverse of the banknote discreetly fluoresce blue under ultraviolet rays.

When the obverse of the banknote is placed under ultraviolet rays, the part of the portrait closer to the kinegram, the kinegram, the OVI element (ellipsis with the National Bank of Serbia’s logo in the negative) and the text “Narodna banka Srbije” in Latin letters become visible. All other elements of offset and intaglio print on the obverse are invisible under ultraviolet rays.

When the reverse is placed under ultraviolet light, the Great Coat-of-Arms of the Republic of Serbia, the signature of Governor Jorgovanka Tabaković, the numbering in black and the interrupted security thread become visible.

7. This Decision enters into force on the day of its publication in the RS Official Gazette.

D. No 14  
29 November 2012  
Belgrade

Governor  
of the National Bank of Serbia

Jorgovanka Tabaković