

<i>Various</i>	<i>Editors/secretariat</i>	3
New agenda, member Hanekuyk deceased, notes to EOT and declination tables.		
<i>'Chronomium' closed</i>	<i>B.P.U. Holman</i>	4
<p>Chronomium, since 2000 the 'Science and art centre of timekeeping and dynamics' in Ootmarsum, is closed since June 28th. Some objects, among which the old town hall clock and sundials, the Ludger bell at the Lady Chapel and the infosphere in the church square, were placed in the Chronos foundation and will remain in the town. The rest is private property and will be transferred to other museums, or sold.</p> <p>It is likely, but not entirely certain, that the new astronomical clock (which is also in the Chronos foundation), will replace the historical clock now on the façade, the latter going to its 'birthplace' of Hameln, Germany.</p>		
<i>'A life of curiosity'</i>	<i>press release</i>	5
<p>A documentary about the life and work of our member Hans de Rijk (now 86) is in the making. The original press release mentioned the need for private funding – successfully it seems, because the entire sum was collected in a relatively short time.</p>		
<i>Homogeneous analemmatic sundial</i>	<i>J.P.C. Hoogenraad</i>	6
<p>After having seen Hollander's homogeneous analemmatic sundial, the author wished to have one for himself. As Hollander did not have the time, Hoogenraad had to build his own sundial. His design differs from Hollander's in that there are no links between the moving parts: everything is set separately.</p> <p>When set and read correctly, the times indicated on the straight scale by the dashed arrow on the date strip, and on the round scale by the arrow of the gnomon ring, should be equal. For constructional reasons, time is read in LAT: a longitude/EOT adjustment would require the straight time scale to be moved.</p> <p>As an aid in reading the time, a vernier scale, or nonius, is provided. The paper explains its use. Finally, the derivation of civil time from apparent time is explored.</p> <p>The second and slightly larger part of the paper discusses the backgrounds of the homogeneous analemmatic sundial. It is acceptable to transform the ellipse of the well-known 'ordinary' analemmatic into a circle – thus making an equiangular, or homogenous, division possible - , if care is taken to move, for every hour, the date strip the same amount as the projection distance between the hour point on the circle and its counterpart on the original ellipse. In practice, then, the dial is set such that the two indicated times are equal when the gnomon is on the actual date.</p> <p>Finally, the necessary proofs are derived.</p>		

<i>Astronomical clock of Ootmarsum</i>	<i>B.P.U. Holman</i>	17
<p>This is a description of the new astronomical clock made by Holman. The text is quite comprehensive and was received quite late in the <i>Bulletin</i> production cycle. A useful summary, therefore, will have to wait until the next issue. Meanwhile, enjoy the diagrams and photos.</p>		
<i>Leap second decision is postponed</i>	<i>GIS magazine</i>	40
<p>For quite some time, the 'powers that be' have been arguing about the need or otherwise for abolition of the leap second. So far, all that is clear is that opinions are divided. Basically, 'old school' wants to keep it, the others not so much. Things have gotten so far that an actual proposal for abolition lived long enough to make it all the way to the Geneva ITU Radio Communication Assembly table. However, a majority to back it could not be raised. It was decided to drop it for the time being, and put it on the 2015 agenda.</p> <p>The cartoon on the bottom of the page is set in the summer. It reads:</p> <ul style="list-style-type: none"> - When we had a drink here this spring, the Sun set over <i>there...</i> [points; not where it sets now] - Yes; the West is much further north now. 		
<i>EOT and declination tables</i>	<i>T.J. de Vries</i>	41
<p>The table lists values for the Equation of Time and for solar declination for civil noon (MET and MEST), for every day of the year. Watch out for the jump when going to daylight saving or back!</p>		
<i>Contents of B110, September 2012</i>	<i>R. Hooijenga</i>	43
<i>Colour pages of B110</i>	<i>editors</i>	45