

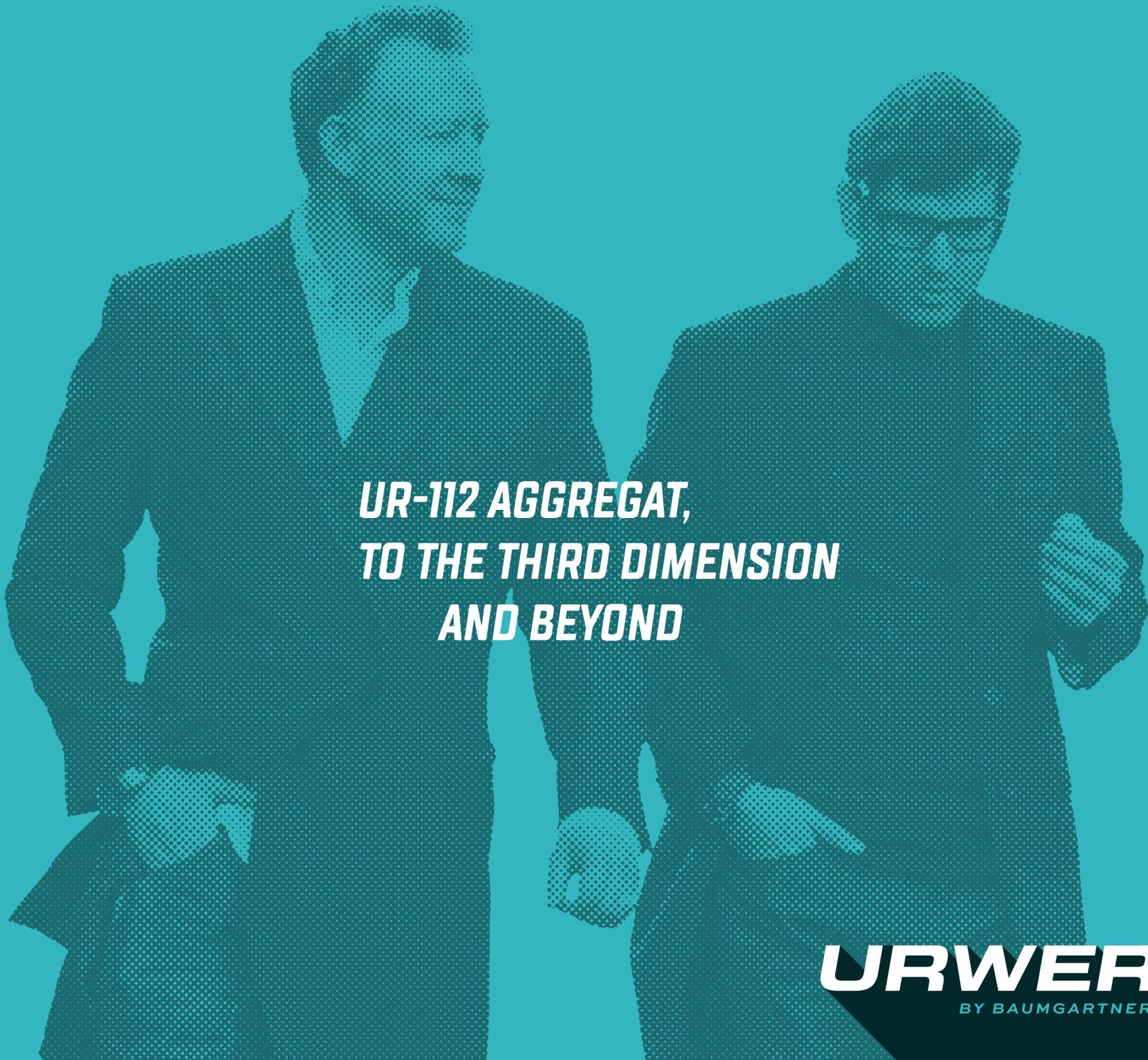
UR
112



FELIX BAUMGARTNER
Co-founder of URWERK
Master watchmaker



MARTIN FREI
Co-founder of URWERK
Artist and Chief designer



**UR-112 AGGREGAT,
TO THE THIRD DIMENSION
AND BEYOND**

URWERK[®]
BY BAUMGARTNER + FREI

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PRESENTING THE UR-112 AGGREGAT

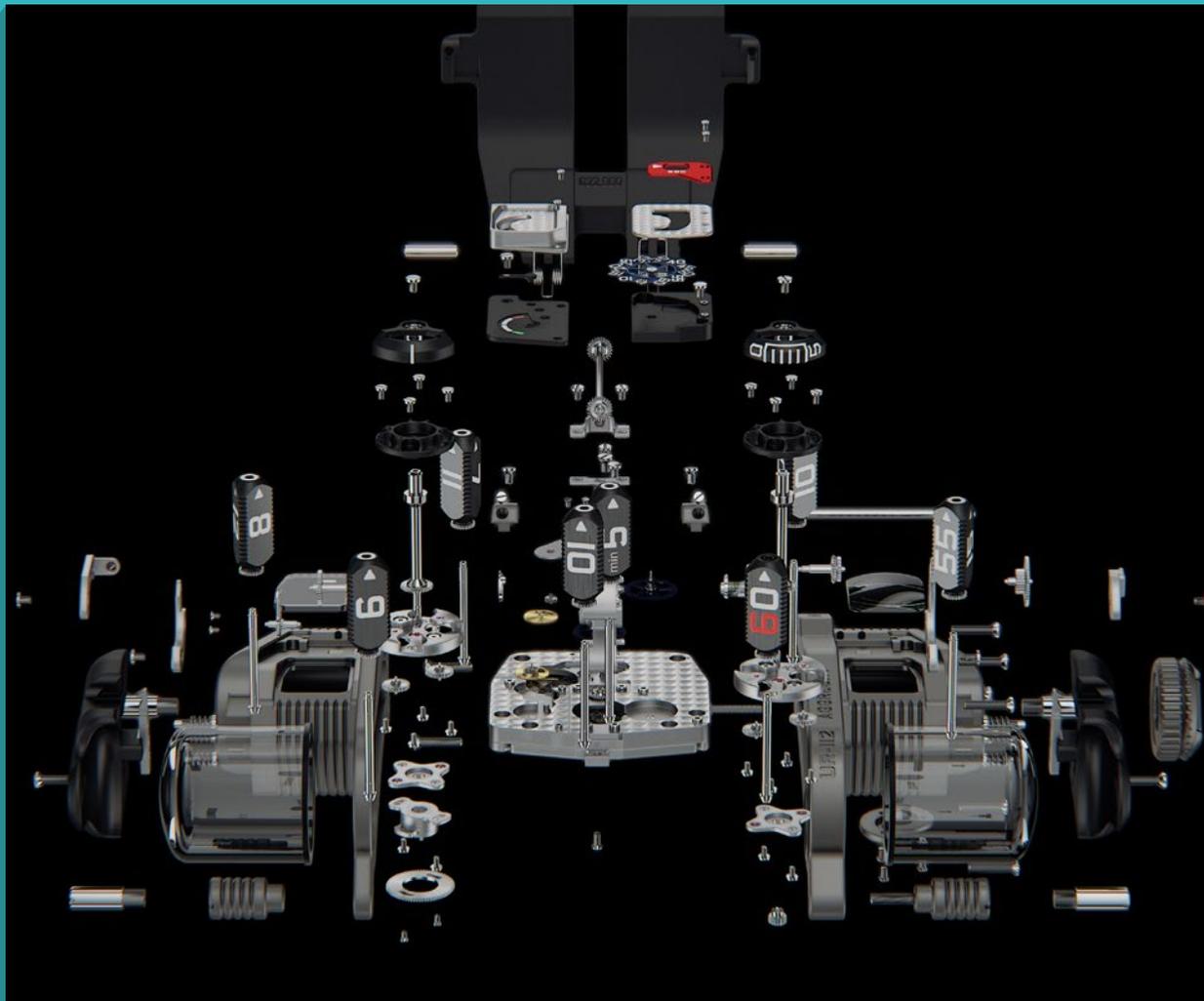
GENEVA - OCTOBER 27, 2021

The **UR-112 Agregat** is the latest addition to URWERK's Special Project collection, a laboratory offering horological freedom and follies encouraged. URWERK co-founders Felix Baumgartner, master watchmaker, and Martin Frei, artistic director and designer, started this new adventure from a blank page. And a sketchbook overflowing with ideas.

The **UR-112 Agregat** was inspired by a dream of a new mechanical challenge. Technicality has the center stage. The beauty of the UR-112 lies in the complexity of its gears and near-manic assembly precision.

The **UR-112 Agregat** heralds the genesis of a watchmaking *tour de force*.

UR-112 AGGREGAT - TO THE THIRD DIMENSION AND BEYOND



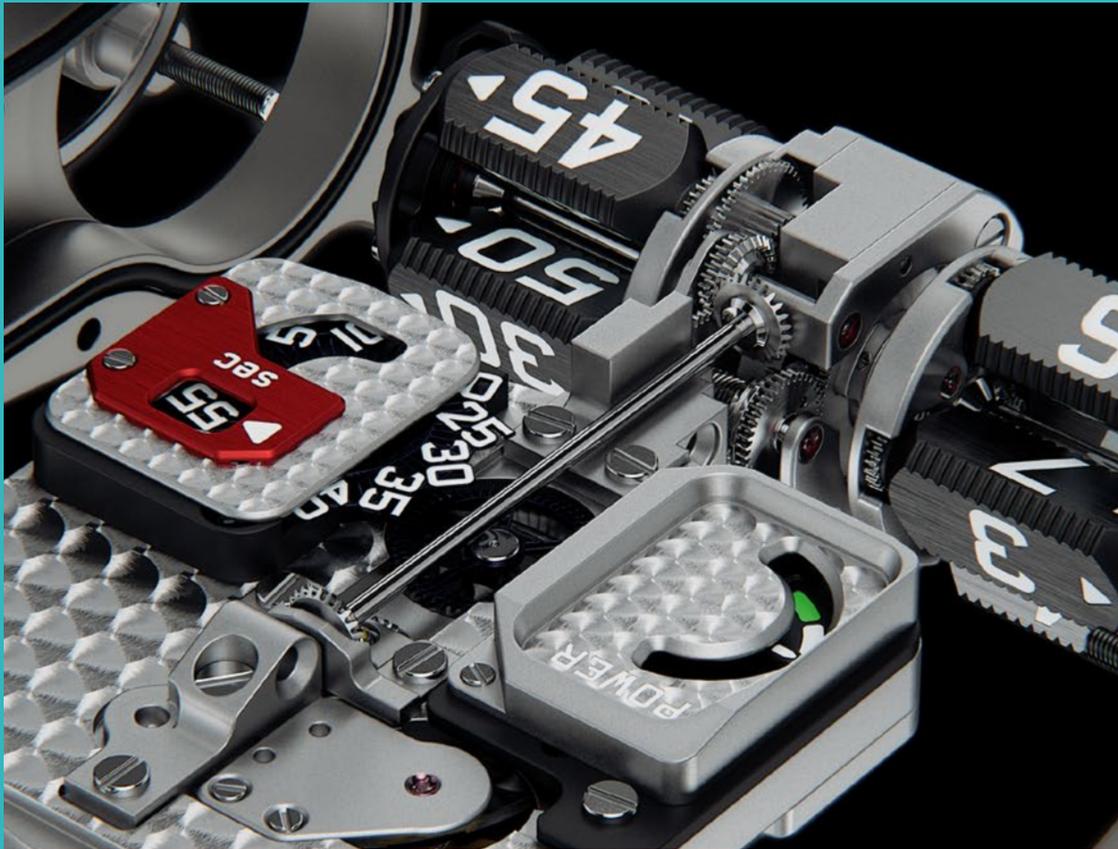
Aggregat is a compendium of 25.5 grams of distilled technique, offering fully digital time displays, from hours down to seconds. A double or nothing challenge for the watchmaker who is betting with microns.

Starting with the hour and the minutes, each are displayed on triangular prisms operating under transparent cylinders, which appear as levitating mechanisms to be admired through the crystal.

On the left, the digital hour display. Each of the 12 numerals is engraved then filled with Super-LumiNova. The transcription of time takes the form of a sign display switching sharply to a chronometric rhythm.

On the right, the same system displays the minutes. Minutes free from the strain of the singular and instead jump in 5-minute increments.

UR-112 AGGREGAT - TO THE THIRD DIMENSION AND BEYOND



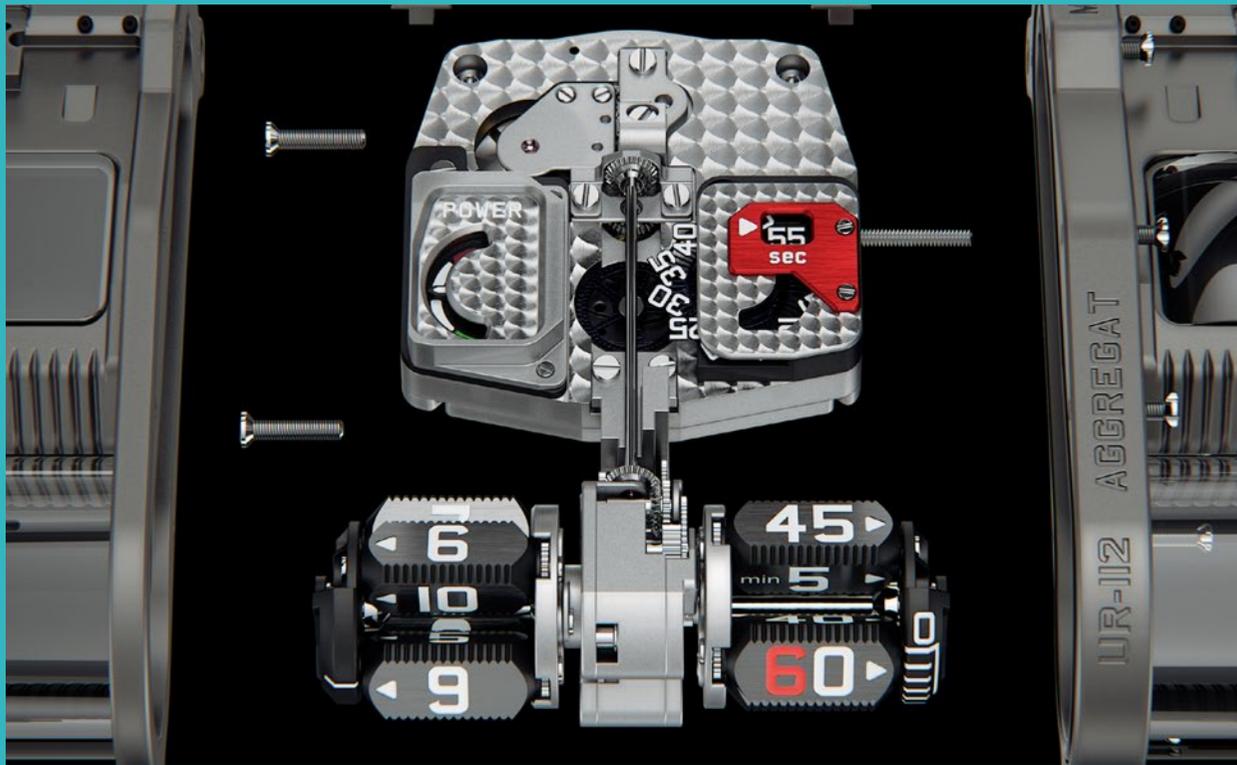
The operation of the jumping hours display is driven by the advance of the minutes. At the 60th minute, the force accumulated during those last 3600 seconds is released to change the time to the next hour.

But the primary source of all this power is rooted in the basic movement opposite this Dantesque construction. A long, thin rod connects the body and head of the UR-112. This is the cardan shaft, a central part of vital importance to this mechanism. A complex set of cogs, a succession of gears, allows this axis to transmit all the energy required. And this despite a 90° turnaround. This transmission shaft with double gearing - one at each end - is perpendicular to the horizontal time indication.

"We nicknamed this watch the Aggregat because the UR-112 brings different elements together. From a single source of energy, we power all displays and mechanisms of this UR-112. This force is distributed sparingly, some even "recycled" so that from the digital second at the top of the dial to the dragging minutes and the jumping hours at the opposite extreme, each display receives precisely its required dose of energy with none wasted," explains Felix Baumgartner.

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The movement of the UR-112 nestles inside a hunter case with a hinged titanium protective cover. Pressing the pushers on either side of the case unlocks the cover and it springs up, revealing an elaborate display of digital seconds. Etched on tiny silicon wafer disks, tiny numerals parade under a magnifying lens beside the only analogue display of the UR-112, a 48-hour power-reserve indicator.

This first edition **UR-112 Aggregat** is limited to 25 pieces with a matte finish. It has sober colors, an anthracite body with black sides complemented by a cover in the same color. Beautiful and elegant.

"The sources of inspiration for this UR-112 are many and diffuse. The grille of the Bugatti Atlantique is the most obvious. An exceptional automobile whose contrasting spine emphasizes absolute symmetry. Some Middle Eastern influences are also vivid in my mind. The memories, the smells, the experiences during my travels nourish my imagination and are found in all my creations. Found by subtle touch." says Martin Frei.

MARTIN FREI
Co-founder of URWERK
Artist and Chief designer

Be seduced by the nobility of **UR-112 Aggregat's** refined body, it contains the most beautiful of secrets.

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UR-112 AGGREGAT - TO THE THIRD DIMENSION AND BEYOND



UR-112 AGGREGAT - bicolore edition

25-PIECES LIMITED EDITION

MOVEMENT

Calibre	UR-13.01
Jewels	66
Escapement	Swiss Lever-type
Spring	Flat hairspring
Frequency	4Hz; 28'800 vph
Power reserve	48 hours
Winding system	Automatic
Materials	Triangular hour and minute prisms in Beryllium copper; 8 planetary gears in titanium; Silicium second disk.
Surface finishes	Circular and straight graining, sanding, côtes de Genève, polished screw heads

INDICATIONS

Jumping digital hour on triangular satellite prisms; running digital minute on triangular satellite prisms; digital seconds; power reserve

CASE

Dimensions	Width 42 mm x length 51 mm x thickness 16 mm
Materials	Case in black and GunMetal PVD-coated titanium
Water resistance	Pressure tested to 3ATM / 100ft / 30m
Crystal	Sapphire crystals

Price CHF 250'000.- (Swiss francs / Tax not included).



URWERK
AGGREGAT

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ABOUT URWERK

“We don’t try to bring out new versions of existing grandes complications,” explains watchmaker Felix Baumgartner, co-founder of URWERK.

“Our watches are unique because they are all designed as original works, which makes them rare and priceless. Our main aim is to go beyond the traditional horizons of watchmaking.”

The original styling of each URWERK model is signed by chief designer Martin Frei, the company’s other co-founder.

“I come from a background where creativeness has no limits. I am in no way prisoner of the traditional constraints of watchmaking, and I can therefore be freely inspired by my cultural heritage.”

Although URWERK is a young company established in 1997, it is recognised as a pioneer among independent watchmakers. Producing just 150 watches a year, the company sees itself as a craftsman’s studio where traditional expertise coexists with avant-garde styling. The company manufactures modern and complex watches that are unprecedented and in keeping with the most demanding criteria of fine watchmaking: independent design and research, advanced materials and handcrafted finishes.

The name URWERK comes from the ancient city of Ur of the Chaldees in Mesopotamia, founded nearly 6,000 years ago where the Sumerian inhabitants first established units of time based on the shadows cast by its monuments. Ur in the German language also means primeval or original and Werk means an achievement or a mechanism. Thus, URWERK can be translated as an original movement — a tribute to generations of watchmakers whose work has resulted in what we know today as haute horlogerie, or superlative watchmaking.



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THANK YOU!

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