N° 04

FORTIS

DIGITAL VERSION

NEWS



MORE POWER. MORE LUMINOSITY.

THE NEW NOVONAUT HALO EDITIONS.



Halo Blue Halo Black Halo Green

THE NOVONAUT ENTERS ITS NEXT CHAPTER.

With the new Novonaut Halo Editions, Fortis brings three new variants into the collection and gives the Werk 17 a serious technical upgrade. More endurance. More stability. More light. At the centre is the new Werk 17 TR. The power reserve rises to 70 hours and the movement now features an inertia regulation for long term rate stability. On the outside, the Halo Editions bring a completely new night presence to the collection: a full Lumicast® X1 dial.

Technical evolution inside

The Werk 17 TR is the next evolution of the space tested column wheel calibre. TR stands for inertia regulation (German: Trägheitsregulierung). Instead of traditional regulator adjustment, fine regulation is handled through asymmetrical weights directly on the balance wheel. This keeps the active length of the hairspring constant, improves rate stability and reduces sensitivity to shocks. A two-point-fixation-bridge gives the balance greater structural support under dynamic load. The result is a movement built to perform consistently, whether on the wrist of an astronaut or an everyday wearer. You can read the full technical story on the following page.

The dial takes the spotlight

With Lumicast® X1, Fortis gives the Halo Editions their defining feature: a dial that turns darkness into presence. The dial base is made from solid Superluminova® X1. It stores light with exceptional efficiency and releases it with high intensity. The result is the brightest dial Fortis has ever built. By day, the colour matched subdials create the classic panda look. By night, the full Lumicast® X1 dial takes over. High contrast. Clear structure. Maximum readability.

Details, done the Fortis way

The polished ceramic bezel is colour matched to each Halo Edition and filled with Superluminova® X1. Even the day and date discs follow the same colour code. A small thing at first glance. A very Fortis thing when you look closer.

The evolution continues

The Novonaut Legacy and Titanium Legacy also receive the new Werk 17 TR.

The Halo Editions come in Black, Blue and Green, each paired with a matching hybrid strap. The Block Bracelet with Slide Clasp is available as an add-on. One movement upgrade. Three new Halo Editions. A stronger Novonaut line.

More power. More luminosity.
Same mission.

DISCOVER THE NEW NOVONAUT

Know-How

WERK 17 TR: HIGH-END POWER.

Stability In Focus.



ROBUST ENGINEERING FOR REAL CONDITIONS

Mechanical watch movements are regulated under controlled conditions. But a Tool Watch does not live under laboratory conditions. It lives with shocks. Position changes, movement, pressure and daily impact. The kind of forces that can disturb the oscillation of the balance and affect the rate accuracy of the movement. With the Werk 7, Fortis already focused on structural stability and robust regulating components.
The Werk 17 TR takes this idea further. The focus is not on adding complexity. It is on stabilising the components that define the rate of the watch.

No regulator pin. More stability
At the centre is a free sprung balance with variable inertia regulation. In a traditional regulator system, a regulator pin interferes with the hairspring.
In the Werk 17 TR, the active length of the hairspring remains constant. This reduces sensitivity to microscopic shifts caused by shocks or changes in position. Fine regulation is handled through asymmetrical weights on the balance rim. By adjusting the moment of inertia, the frequency can be set precisely without changing the working shape of the hairspring.
The result: stronger long term rate stability.

The balance gets more support
The system is supported by a double screwed balance bridge. Fixing the bridge on both sides increases structural rigidity and stabilises the position of the balance staff. Under load, the spacing around the balance remains more consistent. That matters because even the smallest deviation can influence oscillation.
This construction helps reduce disturbances that affect the rate of the movement. It is a detail that is easy to overlook and hard to replace.

Less disturbance & more control
The combination of a free sprung balance and stable support reduces the effect of external forces on the regulating system. Compared with traditional systems using a regulator mechanism and single sided fixing, mechanical shifts are reduced. So is the sensitivity to shocks and position changes.

Precision that holds up
The Werk 17 TR shifts the focus from short term precision in laboratory conditions to reproducible rate stability in daily use. The principle is simple: less interference, more stability, greater consistency over time.

70 hours of endurance
The power reserve of around 70 hours keeps the movement running for a long, steady period. Even after longer resting phases, the watch remains ready for use. The steady energy delivery also supports stable rate behaviour over time. For a watch built to be worn hard and trusted completely, that reserve matters.

The result
The free sprung balance with inertia regulation keeps the hairspring undisturbed and creates more stable oscillation conditions.
Together with precise regulation through balance weights, the Werk 17 TR delivers lasting rate stability, even under real mechanical stress.

Jupp's Column

EVOLUTION OVER SPECTACLE.

ROBUST LUXURY.

Standing still has never been the Fortis way. Progress means continuous development.
Every generation of our watches comes from that mindset: engineered, tested and made for real use. With the new Werk 17 TR, we take exactly that next step. Greater stability. Greater resilience. Greater reliability under conditions that forgive nothing.

For us, technology works as a promise to the people who rely on their instrument outside. It has to earn that trust every single day.
A true Tool Watch proves itself when it is needed. When shocks are part of the day. When environments demand focus. When precision has to be expected. That is why we build the way we do:
robust, clear and uncompromising. No shortcuts. No spectacle.

- Jupp



Ambassador

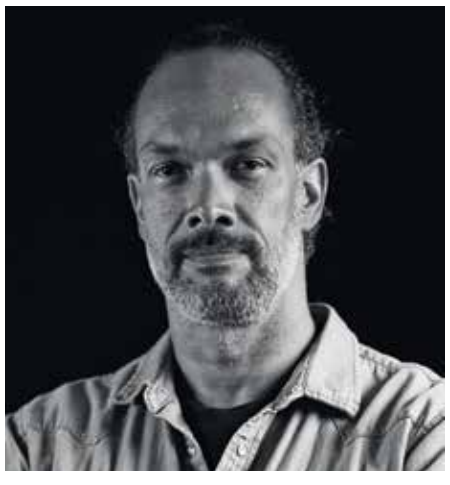
Why Curiosity Is The Real Fuel.

Flo is not the classic ambassador type. He is the one still asking questions when everyone else has already moved on.

That is what makes him the right face for the Novonaut collection. Curiosity drives him. Behind the camera, on the road and in daily life, Flo looks for the harder angle, the better answer, the moment where things stop being easy. Not because he has to. Because that is how he is wired

That mindset fits the Novonaut. A watch developed for extreme conditions. Made for people who solve problems instead of walking around them. Flo brings that attitude without acting it out. He observes. He analyses. He acts. For him, problems are starting points.

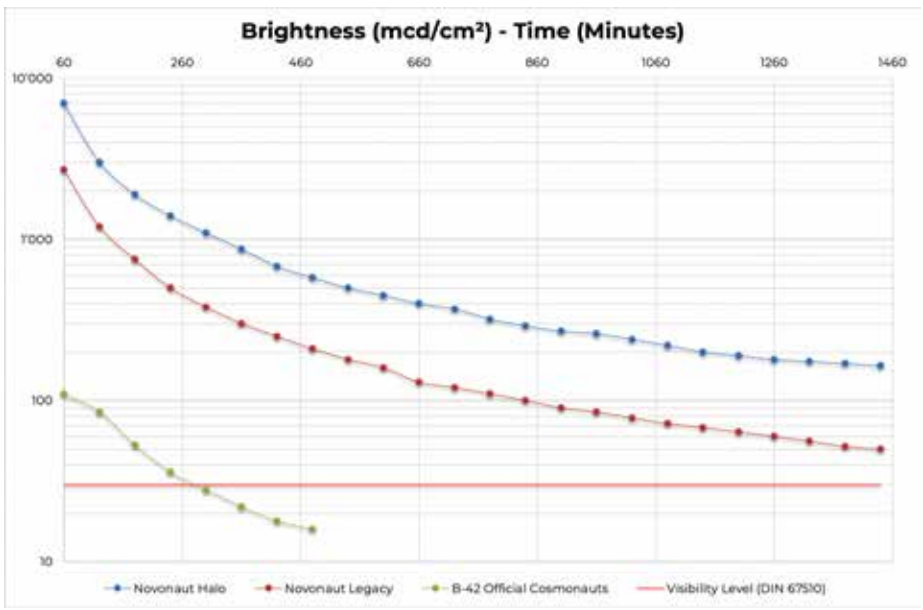
With Flo, Fortis puts substance first. He stands for a generation that wants to understand before it judges. That is his strength. That is why he is a Novonaut. And that is exactly the kind of person this watch was made for.



For The Nerds

MORE IS STILL MORE: LUMICAST®.

Stronger Glow Than Ever Before.



COMPLEX. EXPENSIVE. ABSOLUTELY WORTH IT.

Good readability in the dark is crucial for modern Tool Watches. Superluminova® is usually applied to hands and indices as luminous material, layer by layer, bound in lacquer.
Lumicast® goes significantly further. Instead of a coating, solid cast elements are created from highly concentrated luminous material. These fixed luminous bodies are then integrated into the dial.
This allows the material to store a much higher amount of light and release it with greater intensity over a longer period. The afterglow is stronger, steadier and longer lasting. A clear functional advantage, especially in poor light or during long dark phases. In practice, that difference is immediate and obvious.

Serious glow. Serious material
The material itself is also remarkable. Superluminova® is among the most expensive materials used in dial production.
The specialised photoluminescent pigment is produced in Switzerland and requires an elaborate manufacturing process to achieve high quality. Calculated by weight, premium luminous material can even exceed the price of gold.
The material is precisely mixed, cast into moulds, cured under control and then fitted exactly into the dial. This process demands accuracy, time and experience. Every step affects the final result.
The result: stronger glow, stable form and lasting performance.

The Lumicast® difference
Lumicast® is a technical development in luminous performance: greater material volume, greater light storage. To demonstrate this, we measured three watches: the old B-42 Official Cosmonauts with applied Superluminova® C1, the Novonaut Legacy with Lumicast® numerals made from Superluminova® X1, and the new Novonaut Halo Edition with a base dial made from Lumicast® with Superluminova® X1.
A larger amount of luminous material makes a visible difference. Lumicast® gives the dial more luminous mass, stronger light storage and a longer visible glow. Even though the chart above does not show the full result, the new Novonaut Halo Editions remain reliably readable after 48 hours.
In the dark, every detail matters. The result is a clearer reading experience in low light, with an afterglow that stays useful long after the first charge of light. A small detail in daylight. A serious advantage after dark.

Fun fact
The new models glow so strongly that the measurements could only begin one hour after charging. The measuring device was not calibrated for that level of luminous power. That is not a flaw. That is the point.

Team

FULL POWER: HALBSTARK.

The Minds Behind The Fortis Website.

A DIGITAL PRESENCE WITH ATTITUDE.

Behind the Fortis website stands Halbstark. The agency translates the technical clarity and robust Tool Watch DNA of Fortis into a functional website with a strong visual identity and a clear focus on UI and UX.
In simple terms: it looks good, works fast and feels easy to use. Clear structures, fast performance and intuitive navigation put the content and the products at the centre. Digitally, the same principle applies as with the watches: Function first. Design follows.



NOVONAUT N-42



42mm. Column Wheel Chronograph.
Space-Tested Manufacture Caliber:
Werk 17 TR with 70 hours of Power Reserve.
Ceramic Bezel. X1 Lumicast®.

STRATOLINER S-41



41mm. Column Wheel Chronograph.
Space-Tested Manufacture Caliber:
Werk 17 with 60 hours of Power Reserve.
Unique dial design and functionality.

FLIEGER F-39 | F-41



2 Sizes: 39 & 41mm. Recycled Stainless Steel.
Ultimate Readability.
Bidirectional GMT Bezel with 24 Clicks.

FLIEGER F-43 BICOMPAX



43mm. Chronograph. Recycled Stainless Steel.
Ultimate Readability.
Bidirectional GMT Bezel with 24 Clicks.

MARINEMASTER M-44



44mm. Water Resistance: 500m.
Bidirectional Bezel with Lock System.
Manufacture Caliber:
Werk 11 with 70 hours of Power Reserve.

MARINEMASTER M-40



40mm. Recycled Stainless Steel.
Water Resistance: 300m.
Unidirectional Bezel.

FLIEGER F-43 TRIPLE-GMT



43mm. Titanium Grade 2.
Manufacture Caliber:
Werk 13 with 70 hours of Power Reserve.
3 Time Zones.

VAGABOND V-40



40mm. Titanium Grade 5.
Manufacture Caliber:
Werk 13 with 70 hours of Power Reserve.
GMT-Ring made from 18k White Gold.



Partnership

NÅVA SPACE: THE FIRST SPACE SUIT WITH AN INTEGRATED WATCH.

Built For The Next Space Adventures.

THE NEW PLAYER IN SPACE EXPLORATION.

A new chapter in human spaceflight is taking shape in Oslo. Nåva Space, founded by Nima Shahinian, is developing an advanced spacesuit concept for future lunar missions.

The goal is ambitious: reduce weight, increase mobility and create a suit that can support astronauts during demanding extravehicular activity. Lightweight. Functional. Technologically advanced. Built for the realities of working beyond Earth.

A lighter way to move in space

The Nåva MK1 suit combines artificial intelligence, sensor systems and modular functionality.

Many current spacesuit concepts are heavy, rigid and physically demanding to use. Nima and his team are working in another direction: lower weight, reduced complexity and greater freedom of movement, with safety and performance always at the centre. The MK1 is designed to go where current suits cannot, and to do it without slowing the astronaut down.

One number says a lot

The complete suit weighs only 20 kilograms (about 45 lbs). That makes movement easier and reduces physical strain during spacewalks or surface activity on the Moon. For astronauts, every kilogram matters. In space, less weight can mean more control, more endurance and more room to work.

Why a mechanical watch belongs there

Inside the Nåva concept, classic mechanics play a clear role. The Novonaut is integrated directly into the glove as a robust analogue timing instrument.

It serves as a reliable backup to digital systems and gives astronauts a mechanical reference point when electronic systems are under pressure. Advanced technology handles what it can. Proven mechanics remain where reliability has to be immediate, visible and independent.

Training for the moon

Astronauts from the European Space Agency currently use the LUNA facility in Cologne to train for future lunar missions.

Among them is Matthias Maurer, who works with colleagues to test the interaction between suit, tools and environmental conditions. Real conditions demand real preparation. Every test cycle brings the suit closer to mission readiness. The training simulates operational scenarios on the lunar surface and helps refine mobility, procedures and interaction techniques before systems move closer to mission use. Nåva Space and Nima show how new thinking in space technology can bring classic engineering knowledge and digital systems together. A lighter suit. A smarter concept. A mechanical watch where timing still matters and still counts.



History

100 YEARS AUTOMATIC WATCH.

Fortis Celebrates A Milestone.

THE BEGINNING OF A REVOLUTION.

In 1926, something changed in Grenchen. At Fortis, the first serially produced Harwood automatic watches were completed. A technical breakthrough that helped change the future of the wristwatch and became part of the foundation of Fortis. The system was developed by British watchmaker John Harwood, widely recognised as the inventor of the automatic wristwatch.



His idea was simple in principle and radical in consequence: a wristwatch should wind itself through the movement of the wearer.

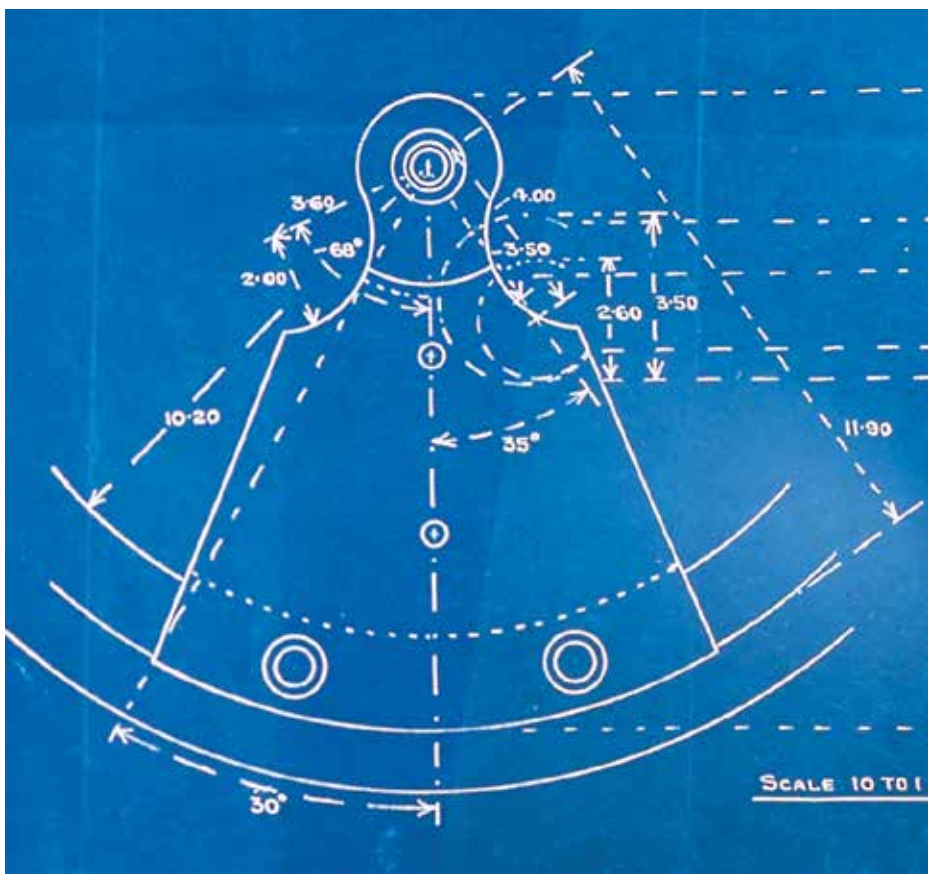
Where others saw a limitation, Harwood saw a mechanism. The human body, always in motion, could become the engine that kept time alive.

The weak point was obvious

The problem was practical.

Watches had to be wound by hand. Again and again. Each time, the crown had to be used. In the 1920s, that was a serious weak point. Reliable sealing was limited, so dust, moisture and dirt could enter the case. The result: wear, repairs and reduced reliability. Harwood looked at the problem differently. If the crown created the weakness, the crown had to disappear. Without manual winding, the watch needed another source of energy. The movement of the wrist became that source. The automatic wristwatch was born.

It was a solution born out of rigorous thinking rather than tinkering. Harwood spent years refining his concept, filing patents in Britain, France, the United States and Switzerland. He understood that for a watch to truly serve its wearer, it had to be as self-sufficient as possible. Every unnecessary interaction was a potential point of failure. By removing the crown from daily use, he removed the weakest link.





Made in Grenchen, made in series

On 13 July 1926, the first Harwood models left the Fortis manufacture in Grenchen. It was the first automatic wristwatch produced in series, made in the very space where Fortis still builds watches today. For Fortis, this anniversary reaches far beyond nostalgia. It reflects a mindset: identify the weak point, solve it mechanically and put function first.

A breakthrough for the whole industry

The Harwood automatic changed the direction of modern watchmaking. Automatic winding became one of the defining principles of mechanical wristwatches. Its importance was still visible decades later. In 1956, Rolex published an official correction in the London Sunday Express after the impression had been created that Rolex had invented the automatic winding mechanism. Later advertising also featured John Harwood's portrait as recognition of his pioneering role.

The same idea, 100 years later

One hundred years after the Harwood, Fortis looks back at the moment serial automatic watchmaking began.

But this anniversary is also about the idea behind it. Technology should solve real problems. It should increase robustness. It should make a watch easier to rely on.

In 1926, the automatic watch answered a weakness in the crown. Today, that same spirit still runs through Fortis: find the problem, engineer the solution, build the instrument.



THE SUNDAY EXPRESS LONDON JUNE 10 1956

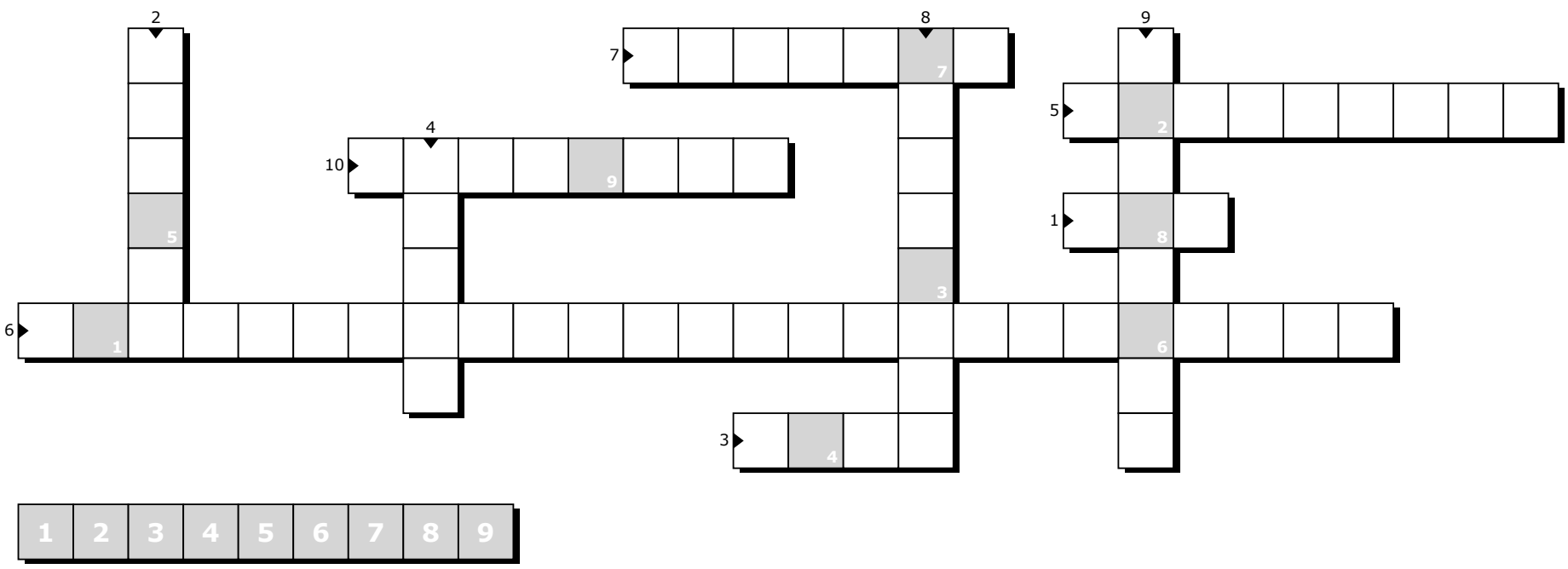
Mr. John Harwood of Harrow, Middlesex, was the inventor of the first self-winding wrist-watch and we apologize for any injury to his feelings which may have been caused by our advertisement of 4th December, 1955, when the word "rotor" was omitted.

THE ROLEX WATCH COMPANY LIMITED (*H. Wilsdorf, Founder and Chairman*)
1 GREEN STREET, MAYFAIR, LONDON, W.1

Entertainment

PUZZLE AND WIN.

Solve the puzzle. Enter the solution word when placing your watch order in our webshop and receive a gift with your purchase.



1. What was the name of the first permanently inhabited space station?
2. What has a Fortis watch once been used as in space?
3. What was Harwood's first name?
4. Which watch brand once apologised to Fortis?
5. What is the real fuel?
6. What do you call a regulation system? (In one word)
7. How many hours of power reserve does the Werk 17 TR have?
8. What is the Fortis lucky number?
9. The Novonaut Halo Edition has a "..." dial.
10. What is the name of the town where Fortis has its headquarters?

Valid on watch purchases. Webshop only. While supplies last. Ends 31 March 2027. Gift must be returned with any eligible return.

Youtube

THE FORTIS ESSENTIALS

Discover the Fortis YouTube channel.



MICROGRAVITY
How Earth can benefit from Space



TESTED IN SPACE
Werk 17 in space testing



NOVONAUT
How to redefine a legacy

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