WEST GALACTIC LLC

GOVERNMENT-FACING STRATEGIC BRIEF

Institutional *Company Overview.*

A formal institutional report describing West Galactic LLC, its founder, its legal standing, and its phased cislunar infrastructure architecture — prepared for senior government officials, regulators, institutional partners, strategic stakeholders, and public-sector reviewers.

DATE	WYOMING FILING ID	DOCUMENT STATUS
06 May 2026	2026-001965390	Strategic discussion

PRETORIA · SHERIDAN · HALO PROGRAM

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The brief in *thirteen sections.*

§01 Executive *overview.*

West Galactic LLC is a formally registered Wyoming limited liability company established to serve as the legal and strategic **parent platform** for a group of companies focused on phased cislunar infrastructure. The company exists to organise, develop, and coordinate the infrastructure systems required to make long-term human and industrial activity beyond Earth practical, scalable, and economically durable.

West Galactic LLC's flagship infrastructure program is **HALO**: a sequenced space infrastructure architecture that begins with lunar power, expands into lunar industrialisation, establishes lunar-to-cislunar logistics, develops orbital receipt and construction-yard capability, and culminates in HALO-1 as a gravity-capable orbital industrial base. HALO is not presented as a single station concept or an isolated spacecraft project. It is a dependency-led infrastructure program designed to address one of the central limitations in the current space economy: the absence of routine industrial infrastructure beyond Earth.

> *Space cannot become a serious long-term industrial environment through launch capability alone. Launch is necessary, but not sufficient.*

The next stage of the space economy requires power systems, material supply chains, industrial processing, freight corridors, orbital ports, construction yards, maintenance systems, and gravity-capable work environments. West Galactic LLC is structured to develop this infrastructure chain in phases, with each layer proving and enabling the next.

§02 Founder profile — *Jacques West.*

Jacques West is the founder and strategic architect behind West Galactic LLC. He is a **South African and Canadian** founder based in **Pretoria, South Africa**, with a broader operating orientation toward technology, systems development, infrastructure strategy, and long-horizon industrial planning.

His role in West Galactic LLC is not limited to conventional startup formation. The company has been created around a systems-level thesis: that the future cislunar economy will not be built by isolated missions, isolated vehicles, or isolated stations, but by an **integrated industrial chain**. Under this view, the Moon is not treated merely as a destination, and orbit is not treated merely as a place for satellites or temporary human presence. Instead, the

Earth–Moon system is treated as an emerging industrial geography requiring power, logistics, material flows, legal architecture, operating entities, and long-term coordination.

Jacques West's founding role is best understood as that of a **program architect**. The purpose of West Galactic LLC is to provide the legal and strategic platform through which that architecture can be organised, explained, partnered, and progressively developed. The underlying concept is ambitious, but it is not framed as speculative entertainment, tourism, or symbolic exploration. It is framed as *infrastructure* — the practical systems required to make future off-Earth industry more ordinary, more repeatable, and more economically rational.

As founder and strategic lead, Jacques West's responsibility is to define the integrated vision, coordinate the operating logic, engage with technical and institutional partners, and ensure that the program develops in a way that remains credible to governments, regulators, industrial partners, and capital providers. This requires a disciplined posture: visionary enough to recognise the strategic importance of the cislunar economy, but careful enough to distinguish between validated assumptions, unresolved technical questions, and future engineering work.

§03 Company identity & *legal standing.*

West Galactic LLC is a Wyoming limited liability company. The Articles of Organization were filed with the Wyoming Secretary of State on **30 April 2026 at 09:46 MT**. The Wyoming Secretary of State's Certificate of Organization confirms that the filing requirements were fulfilled and that West Galactic LLC was officially organised as a legal business entity in the State of Wyoming, United States.

LEGAL ENTITY West Galactic LLC	FILING ID 2026-001965390
FORMATION STATE Wyoming, United States	FILED 30 April 2026 · 09:46 MT
REGISTERED AGENT Northwest Registered Agent Service Inc.	REGISTERED OFFICE Sheridan, Wyoming

This corporate registration provides the formal legal base from which West Galactic LLC can continue structuring its operating entities, strategic documentation, partner engagement, and institutional conversations.

§04 Strategic *mission.*

The mission of West Galactic LLC is to build the foundational **infrastructure layer** required to make long-term human and industrial activity beyond Earth practical, scalable, and

economically self-sustaining.

The company is not being organised as a tourism venture, a speculative station concept, or a single-purpose spacecraft company. Its purpose is to develop a phased industrial architecture for the cislunar economy: site truthing and program definition, then lunar power, then lunar industrialisation, then lunar freight, then orbital receipt and construction-yard capability, and finally HALO-1 as the first major gravity-capable orbital industrial base.

§05 The core problem — *space is missing its infrastructure layer.*

The present space economy remains highly capable in certain areas but structurally limited in others. It can place satellites in orbit, support scientific missions, conduct crewed missions, and deliver highly engineered payloads. However, it does not yet function like a **mature industrial environment**.

Mature industrial environments rely on roads, ports, power grids, warehouses, maintenance systems, supply depots, freight schedules, manufacturing zones, and inventory systems. These systems make ordinary activity ordinary. Without them, every task becomes specialised, expensive, and fragile.

> *On Earth, if someone needs a wrench, the solution is ordinary. In space, that same wrench becomes a payload, a mass issue, a launch issue, a logistics issue, and a mission-planning problem.*

This is the bottleneck West Galactic LLC is designed to address. The company's position is that launch capability alone cannot create a complete space economy. Launch is the access layer, not the full industrial layer. The next phase of space development requires the systems that allow materials, tools, energy, cargo, people, and industrial processes to move and function with greater regularity.

§06 The HALO *program.*

HALO is the flagship infrastructure program of West Galactic LLC. It should be understood as a **phased infrastructure chain**, not as a single station proposal.

The sequence begins with program foundation and site truthing, proceeds to lunar power, then lunar industrialisation, then lunar freight to cislunar space, then orbital receipt and construction-yard capability, and finally HALO-1 assembly and activation. HALO-1 is not the first move — it is the first major orbital result of a larger chain.

If the lunar site assumptions are not validated, later industrial assumptions remain fragile. If lunar power is not persistent, lunar industry cannot operate with rhythm. If lunar industrial output does not exist, lunar freight has no meaningful industrial cargo. If freight is not reliable, orbital construction remains dependent on Earth in the wrong way. If orbital receipt and yard operations do not exist, HALO-1 becomes difficult to assemble in an orderly and scalable manner.

> *The logic is therefore not simply technological. It is architectural. No later layer should be required to prove what an earlier layer should already have proven.*

§07 The West Galactic *operating ecosystem.*

West Galactic LLC's operating ecosystem should be understood as a set of specialised infrastructure layers that function as one integrated system. Each layer has a different role, technical profile, partnership base, and future development logic. Together, they form the chain required to move from lunar surface capability to orbital industrial capability.

LAYER	CORE ROLE	STRATEGIC FUNCTION
AURORA	Lunar energy	Provides persistent power for surface operations.
MOONFORGE	Lunar resources	Converts lunar material into useful industrial output.
RAILSTAR	Lunar freight	Moves standardised cargo from the Moon to cislunar space.
SHEPHARD / AXLEPORT	Orbital yard operations	Receives, stabilises, stages, and organises orbital cargo.
HALO	Orbital industrial base	Provides gravity-capable industrial capacity in orbit.

7.1 AURORA — Lunar Energy

AURORA is the lunar energy layer of the West Galactic ecosystem. Its purpose is to provide the power generation, storage, transmission, and continuity required to support future lunar industrial operations. A lunar industrial economy cannot begin with extraction alone — it begins with reliable power. Without power, there is no sustained mining, refining, fabrication, thermal control, communications support, logistics rhythm, or industrial uptime. AURORA is therefore not a secondary support system. It is the **first enabling infrastructure layer**.

7.2 MOONFORGE — Lunar Resources & Industrialisation

MOONFORGE is the lunar resources, mining, refining, and fabrication layer. Its purpose is to convert lunar material into useful industrial output. The Moon is strategically significant because it contains material already outside Earth's gravity well — but raw regolith does not automatically become industrial value. It must be excavated, processed, refined, standardised, and converted into useful classes of output.

MOONFORGE is responsible for excavation, beneficiation, oxygen extraction, shielding-product output, early metallurgy, fabrication, and standardised lunar industrial products. Its strategic role is to **transform raw lunar material into outputs that can support the wider system**.

7.3 RAILSTAR — Lunar Freight & Export

RAILSTAR is the lunar logistics and export layer. Its function is to move standardised cargo from the lunar surface into cislunar space. Production without export does not create an orbital build economy — lunar industry becomes far more valuable when it can feed orbital construction, orbital manufacturing, orbital shielding, and long-term infrastructure assembly.

RAILSTAR is described as a lunar electromagnetic mass-driver logistics system designed not for one dramatic launch, but for repeated delivery, cadence, throughput, standardised cargo, and a **freight rhythm**.

7.4 SHEPHARD & AXLEPORT — Orbital Receipt & Yard Operations

SHEPHARD and AXLEPORT represent the orbital receipt, interception, handling, and construction-yard layer. Their purpose is to receive launched material, stabilise cargo, sort it, stage it, move it, and support the orderly assembly of larger orbital structures. Without this layer, the program risks turning orbital construction into improvisation.

AXLEPORT is the non-rotating hub and orbital port concept within the broader HALO architecture. It functions as the docking, transfer, staging, and logistics interface between visiting spacecraft, orbital construction operations, and the rotating HALO structure — the **port and yard anchor** that makes the final ring more credible.

7.5 HALO — Orbital Industrial Base

HALO is the orbital industrial-base layer. HALO-1 is the first major threshold asset produced by the preceding infrastructure chain. The objective of HALO-1 is to provide a gravity-capable orbital industrial environment for manufacturing, logistics, maintenance, long-duration human work, docking, storage, and future modular expansion.

HALO is not a hotel, a spectacle, or a vanity habitat. It is intended as **civilisation-grade infrastructure** — an orbital warehouse, factory, worksite, and spaceport environment built to make long-term industry in space more practical.

> *AURORA powers. MOONFORGE produces. RAILSTAR moves. SHEPHARD receives. AXLEPORT organises. HALO industrialises orbit.*

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§08 Why the *Moon* matters.

The Moon matters to West Galactic LLC not because it is symbolic, but because it is **practical**. The Moon has lower gravity than Earth, no atmosphere, and material classes that can become relevant to early orbital infrastructure. For very large orbital industrial systems, Earth remains important for people, electronics, precision systems, advanced control hardware, bootstrap equipment, and sensitive payloads. However, Earth is not the rational permanent source of bulk structural mass for a very large orbital industrial base.

Earth is suitable for many high-value and high-precision inputs, but it is the wrong place to source the bulk structural burden of a large orbital industrial ring. Every kilogram leaving Earth carries the cost of gravity, atmosphere, propellant, launch complexity, payload constraints, timing, integration, and mission coupling.

This is why the Moon becomes central to the HALO architecture. The Moon is not simply a destination — it is the *industrial source* that makes the larger orbital system more rational.

§09 Why *gravity-capable* orbit matters.

HALO uses a rotating ring architecture because gravity-capable orbit is a **functional requirement** for many forms of long-duration human and industrial activity. True 1g-like environments in space require rotation, and a serious long-term ring must be large enough to avoid the discomfort and human-factors issues associated with small, fast-spinning structures. The current design basis places HALO-1 around a true 1g reference deck in the approximately **750-metre radius class**, or roughly 1.5 km across for a lay reader.

The purpose of this gravity-capable environment is not luxury — it is *usability*. Human industry assumes gravity in countless ways: tool use, warehouses, storage, plumbing, food systems, maintenance, fluids, hygiene, movement, ergonomics, and long-duration human health. Microgravity will remain valuable for specific tasks, but it should not be treated as the permanent default for all future industry.

A gravity-capable orbital environment makes more forms of work, maintenance, manufacturing, and long-duration habitation practical. It moves space industry closer to industrial normality rather than permanent expeditionary survival.

§10 Governance & *international posture.*

West Galactic LLC is presented as **privately led and internationally cooperative**. The company is not framed as making sovereign claims, territorial claims, or unilateral ownership claims over lunar territory. Its institutional posture is that of a private infrastructure group seeking to operate within applicable legal, licensing, registration, and treaty-compatible frameworks.

The HALO program is not framed as a sovereign claim in space, but as an internationally cooperative infrastructure program intended to operate within real legal frameworks shaping lunar and cislunar activity. This posture reduces diplomatic friction, improves partner compatibility, and gives serious capital a clearer operating picture.

> *Governance posture is not administrative decoration. It is execution infrastructure.*

A credible program must be able to answer who launches, who licenses, who registers, who operates, who governs, how cooperation is structured, and how those answers evolve as the system scales.

§11 Strategic importance for *governments.*

The work of West Galactic LLC may be relevant to governments because cislunar infrastructure is becoming a **strategic domain**. The return to the Moon, the growth of private space activity, the emergence of lunar resource discussions, and the increasing importance of off-Earth logistics all point toward a future in which governments will need credible private partners capable of thinking beyond isolated missions.

For governments, the areas of relevance include space infrastructure, cislunar logistics, lunar resource utilisation, industrial capability, energy systems, advanced manufacturing, national innovation, strategic positioning, and international partnerships. A group that can organise these concepts into a disciplined infrastructure sequence may become relevant to countries seeking to participate in the next phase of the space economy without attempting to build every layer internally.

West Galactic LLC is therefore positioned not as a company simply seeking support, but as a *private actor whose success may align with the interests of forward-looking governments, space agencies, industrial development authorities, sovereign innovation funds, and international partners.*

§12 Risk & *execution philosophy.*

West Galactic LLC does not need to pretend that every engineering answer is already closed. Its credibility comes from **sequencing, validation, modularity, fallback paths, and gate-based progression**. No single technical, schedule, regulatory, capital, partner, or operational problem should be allowed to destroy the entire system. This is why the program is structured as a sequence of phases rather than a single all-or-nothing build.

The risk categories include environmental and operational risks, schedule risk, capital risk, partner and supply-chain risk, regulatory and political risk, and orbital handling and HALO-system risk. The corresponding response is not denial, but design discipline:

- Robotic-first lunar operations.
- Serviceability-conscious architecture and modular repair logic.
- Gate-based advancement with multiple vendor paths where possible.
- Privately led governance and treaty-compatible framing.
- Yard-first orbital assembly before HALO-1 completion.

A credible infrastructure program does not eliminate uncertainty at the beginning. It places uncertainty in the correct sequence and attaches it to the correct validation work.

§13 Closing *statement.*

West Galactic LLC has been formally registered and now exists as an official Wyoming limited liability company. Its purpose is to serve as the legal and strategic **parent platform** for a group of companies focused on a phased cislunar infrastructure portfolio: lunar power, lunar industrialisation, lunar logistics, orbital receipt and construction-yard capability, and HALO-1 as the first major gravity-capable orbital industrial base.

The company's work should be understood as **infrastructure-focused, privately led, internationally cooperative, and institutionally oriented**. It is not a tourism project, a symbolic station proposal, or a speculative claim over lunar territory. It is a structured attempt to organise the missing industrial layers required for long-term activity beyond Earth.

West Galactic LLC welcomes constructive dialogue with government bodies, regulators, space agencies, strategic partners, engineering contributors, industrial counterparties, and institutional stakeholders seeking to understand the program in greater depth. Its immediate institutional priority is to move from concept architecture into structured engagement, validation, partner development, and disciplined execution planning.

> *West Galactic does not exist to sell a destination. It exists to organise the infrastructure required to make destinations useful.*

A private infrastructure group for the cislunar economy.

HOLDING ENTITY

West Galactic LLC

Single-member · Perpetual

WYOMING FILING

2026-001965390

Filed 30 Apr 2026

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PROGRAM

HALO

AURORA · MOONFORGE · RAILSTAR · SHEPHARD · AXLEPORT

DOCUMENT

Institutional overview

Prepared 06 May 2026