

## Ocean-Continent Co-Genesis

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**Abstract:** Africa-EurAsia was produced as an antipodal conjugacy to, and ahead of Pacific Ocean impactors, consistent with “Double Whammy Effect” co-geneses of ocean-continent configurations on oceanic planets (See Vol 3 Slide Show). Antarctica and Australia were similarly produced antipodal to relatively isolated Arctic and North Atlantic Ocean impactors, ahead of Pacific Ocean impactors. The Americas were produced by American impactors, ahead of Pacific Ocean impactors. SE Asia and the Indian Ocean were produced ahead of Pacific Ocean impactors, antipodally to American impactors. The South Atlantic Ocean was produced antipodally to NW Pacific, NE Asian impactors, ahead of Pacific Ocean, South American impactors. Ocean-continent configurations thus evidently become increasingly antipodal, incrementally so upon huge impact, renewably so upon super huge impact, for example this paper’s super huge impact (THESHI, 3.1). Continents generally uplift antipodal to soft oceanic, huge impacts; seas generally remain sunken at such impacts and antipodal to hard continental, huge impacts. Tellingly, such uplifts and depressions tend to be mantle “serm” circular, corroborative of my proto-thesis, 4.2-27.

**Keywords:** Impact, Tectonogenesis, Tectonic, faultline, antipodal conjugacy.

### PREAMBLE

Originally an introduction to Vol 1, this key paper became an introduction to Vols y, x, was extended to reflect Vols 1, y, x findings. This paper’s super huge impact is called THESHI, 3.1.

These Vol 3 papers originally amplified tentative explanation of antipodal conjugacies on Mars in 4.2, that paper’s idea of CMB waveguide connection, antipodal resonances between antipodally conjugate mantle serm clusters, 4.3 explanation of Earth’s ocean-continent rhythmicity.

I located a probable original proto-PIRO-IRO inscription stretching from Arctic Ocean Deep Impact cavity (AODI), to Polynesia, as an antipodal conjugacy to an Africa Ghost, 3.1.

The impact-effected leakiness idea of 3.3 lead, in this paper, to a simple generalisation explaining ocean/continent co-geneses on rocky oceanic planets, in terms of super huge (in the case of the Earth hemispheric) impacts and Double Whammy Effect.

### CONFIRMATION

Subsequent reflections upon this idea with the Impact Hemispheric limb BOUNDARY (IHBO) and AODI in mind led to my perceiving the confirmatory IHBO limb-regional flares of Vol x, Fig 1 below.

This might have happened 2 years earlier than it did, that is, when Vol 1’s macro-symmetries of Gondwanaland Archipelago Ghosts impressed me as unusually emphatic.

I had AODI, obviously the Antarctica Ghost energiser, as an important clue . . . .

I only needed to look for similar flares associated with Australia, South America antipodal conjugacies, strongly indicated as such in 4.3.

These were sitting there, waiting to be found, see FLARED ANTIPODAL CONJUGACIES below. Thus on the verge of a breakthrough, I was distracted by Interference Pattern Physics Sirens:

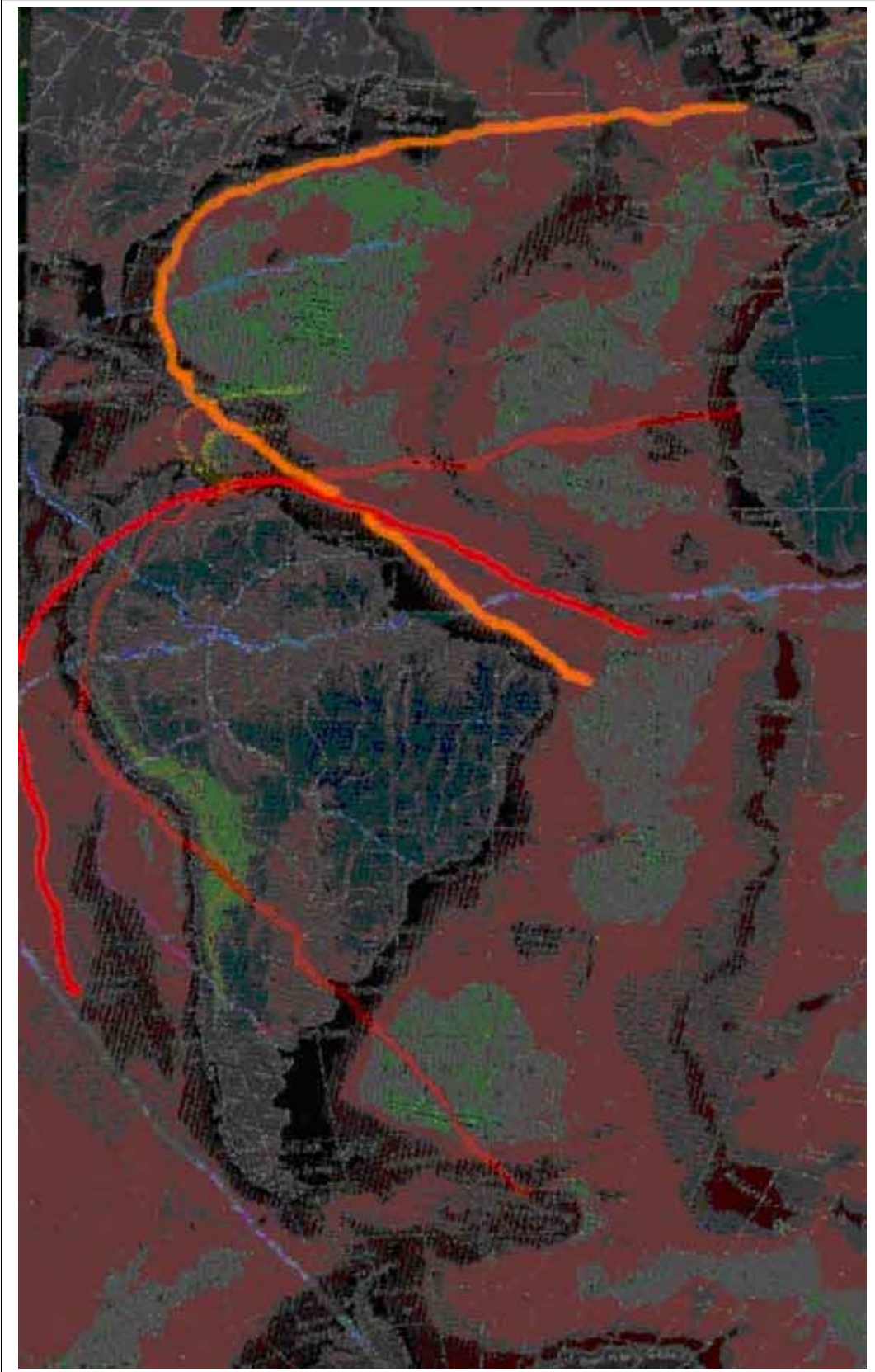
IHBO discovery, Vol 1, was associated with symmetries. Symmetries have an extremely high pedigree in Physics, much higher than impact excavations, ghosts and so on without symmetries.

The symmetries were going to be needed in any case, eventually. Flares together with symmetries, serm macro and other explanation are confirmatory.

As I explain in CONFIRMATION OF OVERALL THESIS, below: “It was [SE Asia-South America flared] antipodal resonance . . . that opened up Vol x confirmation of my overall thesis.

An important implication of these and other "Right Way" flares and subflares opposed to "Wrong Way" flares and subflares . . . is ubiquitous antipodal resonances, Vol x".

**Fig 1: American IHBO-limb-regional flares consistent with the overall thesis and subtheses, indicated as "Right Way" hyperbolic antipodes to "Wrong Way" AustralAsia (x.01 Fig 2, Orange), SE Asia (x.01 Fig 3, Red) flares and vice versa.**



## ANTIPODALITY

The Lop Nor serm is evidently antipodal to extreme SE Pacific Plateau impactors, a Sri Lanka-Yellow River faultline antipodal to SE Pacific Basin impactors.

Africa is antipodal to Polynesia impactors. Its Ethiopian Highlands is antipodal to French Polynesia, its Okavango Swamp, Kalahari and Namib Desert inscriptions are antipodal to the Hawaii Islands.

Lake Baikal is antipodal to a putative Tierra del Fuego impactor. Aral, Caspian, Black and Mediterranean Seas may be antipodal to South Pacific impactors. Some or all of these seas may have been Freeze/Foraze Effect-ed, y.03.

The Macquarie-Balleny Ridge section of IHBO is antipodal to the mid-Atlantic Ridge continuation towards Iceland. Australia is evidently largely antipodal to a huge North Atlantic impactor.

Most tellingly, the metaliferous section of IHBO, from SW Tasmania, through Victorian goldfields and Broken Hill and Arnhem Land, is antipodal to the mid-Atlantic Ridge, consistent with antipodal genesis (4.16).

Antarctica has evidently been similarly Antipodal Effect-ed by a double impactor comprising the AODI impactor and fragments impacting Arctic North America-Greenland antipodal to the flare of the E half of East Antarctica.

AODI has strongly resonated with central and Northern Australia, and New Guinea antipodally (4.2) via Africa, Australia Ghosts. These regions are extremely rich in Uranium and other heavy metals.

Energy flow direction in antipodal resonances is sometimes ambiguous. In this case, energy flow direction is strongly indicated by the impact cavity pedigree, hyperbolic shape and so on, of AODI.

Antarctica would have received a similar antipodal effect from AODI, Alaska-Yukon impactors, East Asia from antipodal South America impactors, Africa from Polynesian-Central Pacific impactors.

South Africa received a doubly energetic antipodal energisation from the fairly vertical and obviously extremely energetic Hawaii impact.

I have argued in 4.3 that the AODI impactor had evidently projected its most intense radiations from its Canada Basin head towards the Caucasus Mountains.

This intense energisation has evidently contributed to the Trans-Antarctic Mountain inscription, via Medial Ghost antipodal conjugacies (Vol 1).

Antipodal energisation thus appears to have been critical to continental uplift, uncritical to oceanic depression.

This observation is consistent with the probability that antipodal energisation's longer waves, while highly energetic, would generally produce relatively low fault-line densities, low Freeze Effect-ed leakiness.

### SOUTH AMERICAN EXCEPTION

South America is the only continent with continental instead of oceanic antipode (w.1a Slides 41-46, Slides 211, 213 in Vol 1 Slide Show), consistent with extreme magmatism having overcome a usual "Freeze Effect" tendency to sink continental antipodes.

There are many indications that South America was indeed the most heavily THESHI-energised, hence most magmatically uplifted continent:

1. Contemporary plate tectonics is strongest in plates adjacent to South America, consistent with this region having been most impact-energised, last to cool, 4.4, FAR SE PACIFIC-CENTRED TECTONICS, Maximal Impact Energisation.
2. The Andes are the world's most energetically uplifted mountains.
3. The biggest, richest mineral deposits are to be found in South America, consistent with 4.16 MINERALISATION explanation.
4. South America is at the impacted head of the planetary scale flare in Earth's global Map Of Antipodal Conjugacies (MOACs), x.02, w.1a Slides 41-46.

### DOUBLE WHAMMY EFFECT

The above observations also suggest that continental uplift also critically depends on "impact adjacent" energisations ahead of IHBO-limb-regional sloping impactors also.

Even most antipodal central Africa has evidently received important component of its energisation from sloping impactors, Ghostly Corroboration below, also 1.023.

Tasman Sea antipodality to the flared basin NE of the Azores ahead of a probable Labrador Sea impact is complicated by probable impacts at New Zealand, Chatham Rise, New Zealand Plateau.

A similar complication affects much of Europe, both antipodal to South Pacific impactors and ahead of AODI-Arctic North America-Greenland impact energisation.

### **“DOUBLE WHAMMY” EFFECT**

There is strong EurAsia-South Pacific antipodality, strong Africa-central & NE Pacific, Australia-North Atlantic antipodality (Slides 41-44, 231-234 in Vol 1 Slide Show), Earth’s polar inverse congruencies (Slides 41-44, 221-224 in Vol 1 Slide Show, Slides 1a0, p in Vol 3 Slide Show) and so on.

South America, non-paradoxically consistent with extreme impact energisation as explained above, is corroborative.

I thus propose that Africa-EurAsia was produced as an antipodal conjugacy to, and ahead of Pacific Ocean impactors, consistent with “Double Whammy Effect” co-genesis of ocean-continent configurations on oceanic planets (See Vol 3 Slide Show):

Antarctica and Australia were similarly produced antipodal to relatively isolated Arctic and North Atlantic Ocean impactors, ahead of Pacific Ocean impactors.

The Americas were produced by American impactors, ahead of Pacific Ocean impactors. SE Asia and the Indian Ocean were produced ahead of Pacific Ocean impactors, antipodally to American impactors.

The South Atlantic Ocean was produced antipodally to NW Pacific, NE Asian impactors, ahead of Pacific Ocean, South American impactors.

Ocean-continent configurations thus evidently become increasingly antipodal, incrementally so upon huge impact, renewably so upon super huge impact.

Continents generally uplift antipodal to soft oceanic, huge impacts; seas generally remain sunken at such impacts and antipodal to hard continental, huge impacts. Tellingly, such uplifts and depressions tend to be mantle “serm” circular, corroborative of my proto-thesis, 4.2-27.

### **FOSSIL RECORD**

An obvious way to begin to check this “Double Whammy Effect” idea is to check the fossil record of my pre- THESI continents for non-marine fossils.

### **GHOSTS**

A more immediate way is to look for plausible antipodal conjugacies of associated PIRO-IRO ghosts, starting with Gondwanaland Archipelago Ghosts (Slides 41-44, 211-234, Vol 1 Slide Show).

### **CONTINENT/OCEAN UPLIFT/DEPRESSION**

#### **GONDWANALAND ARCHIPELAGO GENESIS**

Vol 1’s Gondwanaland Archipelago Ghost antipodes are shown in 3.5-7. Africa most likely largely originated as an antipodal conjugacy to Polynesian impacts.

Africa and Antarctica were also energised ahead of peripheral, sloping North America and central South Pacific impact energisations, respectively.

Australia and Antarctica uplifts were largely energised antipodally by impacts in the North Atlantic and Arctic Oceans. Australia was evidently energised ahead of SW Pacific limb regional impactors also.

The Americas, North, Central and South America, had evidently been heavily, directly impacted along their Western coastlines, ocean trenches, mountains.

Most of the Nazca Plate and S South America had evidently been produced ahead of a huge Galapagos Rise-centred impactor. SE Pacific Plateau impactors were huge also . . .

#### EURASIA GENESIS

EurAsia was evidently produced ahead of sloping, Arctic, NW Pacific impactors, antipodally to E, SE, South, SW Pacific Ocean impactors . . . .

I was "open" to perceiving Fig 1 forms because of AODI and "Double Whammy" Effect indications that the S end of the North Atlantic had been heavily impacted (large Orange hyperbola) antipodal to Australia (3.6).

These roughly drawn figures are thus corroborative. How far they actually extend beyond IHBO, Vol 1, is conjectural. Note hyperbolic cluster mutuality. I have not tried to be precise.

Nor have I tried to delineate more than a few nested candidacies in these coarse pictures. Andean detail is also unattempted. The Blue Trans-Atlantic span presumably follows the Romanche Fracture, its SE Pacific span the oceanic side of the Chile Rise.

The nesting of the thin purple hyperbola with the Peru-Chile Trench "head" within the hyperbola with the Galapagos Rise head is consistent with both having been hugely energised by a Peru-Chile Trench impact.

#### PACIFIC, ARCTIC & NORTH ATLANTIC OCEAN GENESES

The Pacific, Arctic and North Atlantic Oceans evidently have impact geneses centred on deeps or basins, often with quasi-circular, quasi-hyperbolic, transverse uplifts/depressions.

While the Pacific Ocean thus evidently has many impact centres, the North Atlantic and Arctic Oceans seem to have been concentrated into single flares.

#### SOUTH ATLANTIC OCEAN GENESIS

The South Atlantic Ocean evidently has a similar Double Whammy Effect genesis to the continents.

The South Atlantic Ocean is antipodal to extreme NW Pacific impact energisation, ahead of E, SE Pacific impactors, West, NW South America impactors, Fig 1.

These ideas are corroborated by Wrong Way Argentine Basin antipodality, Fig 1, to the Right Way flare of the combined deeps of Seas of Japan and Okhotsk, Fig 3, Sea of Japan-centred mantle serm indications explained in a.1351.

There is much evidence that much of NE Asia was a shallow sea prior to THESHI, 3.1. The coastal seas of NE Asia may have remained this way because of impact-effected leakiness, 3.3.

The evidence of the Brazil Basin and emphatic antipodally encompassing Marianas 4K kd serm is that the South American limb region and Micronesia were very heavily impacted.

#### SOUTHERN OCEAN GENESIS

South Georgia and the Sandwich Group of islands confirm the indication of the Lop Nor serm, KEY POSITIONS, SHAPES, below that antipodal Sea of Okhotsk-Kamchatka has been very heavily impacted.

The South Atlantic Ocean's Southern Ocean end is antipodal to Kamchatka -Bering Sea -NW North American impact energisations also, ahead of East, SE Pacific impactors.

These SE Pacific impactors included extreme SE Pacific Plateau impactors antipodal to the Lop Nor serm, 0.001, CORROBORATION Points 7-9, consistent with this plateau's Pacific Plate maximal seafloor spread rate.

Other parts of this ocean are dealt with below. The idea of extreme coastal NE Asia-NW Pacific-Bering Sea-NW North American impact energisations is corroborated by ghostly inscription evidence (Vol 3).

#### PANGAEA

In Fig 1 above, the many half-wet hyperbolae, and both North & South American continental proximity to the large Orange hyperbola is consistent with pre-impact continental/shallow sea "Pangea" status of much of the Americas.

Antipodality of the Atlantic-Indian-Antarctic and SE Madagascar Basins is consistent with many other indications that the Bering Sea, Southern Alaska, North American West coastal and Rocky mountains were heavily impacted continent/shallow seas.

A similar Pangea status, and/or extreme impact energization, is indicated for South America, West Arctica and Polynesia by similarly half-wet/continental antipodal signatures.

## FLARED ANTIPODAL CONJUGACIES

As explained in x.01-2, FLARES, Flared Antipodal Conjugacies:

"All of SE Asia is a Wrong Way flare with subflares, Fig 3, consistent with South America Ghost genesis antipodal to Right Way flared, subflared impacts producing the flare and subflares of South America.

AustralAsia is encompassed by a Wrong Way flares with subflares consistent with Australia Ghost genesis antipodal to Right Way flared, subflared impacts producing the North Atlantic Ocean deep, Figs 1, 2."

### LONG ROAD TO DISCOVERY

While doing my long-postponed Vol 2 after finishing Vol 1, I got to thinking about how Antipodal Effect illuminates multiscale symmetry detail across IHBO, Vol 1.

The AODI antipodal resonance with the New Guinea N coast potential of the Africa Ghost (ebook Back Cover photo) is particularly telling because of New Guinea's place in an impressive set of island arcs.

While this particular form has echoed around the world, as indicated by Vol 1's macro-symmetries, Vol 3's ghosts, its strongest ex-AODI expression may have been at the New Guinea potential of the Australia Ghost.

Important IHBO sub-symmetries occur where East Asian island arcs cross IHBO at Kepulauan Kai, W tip of New Guinea and Yaeyama Retto. Co-operation of long, short distance waves may be indicated.

Other important IHBO sub-symmetries may occur where "radiations" cross IHBO: Shantung Peninsula, Lake Baikal W-most bend of Lena River, and so on.

The question I asked myself was: Do IHBO-coincident symmetries extend longitudinally along the "radiations"? Are "radiations" multiscale, longitudinal symmetry string manifestations?

Such symmetry string multiple axes would be orthogonal to the strings. IHBO sub-symmetry axes are transverse, cohere with IHBO, 0.001 DISCUSSION.

Such symmetry strings are thus, at IHBO: orthogonal to IHBO; parallel to THESHIS.

Why should symmetry strings be parallel to impactors at the IHBO limb boundary, yet diverge from such parallelism beyond it, as Western Pacific island arcs suggest?

Western Pacific island arcs are most interesting also because of their being most extremely Freeze Effect-ed "radiations". All "radiations" may manifest similar arc inscriptions obscured by greater magmatism.

The overall nonlinearity of Western Pacific island arcs, more curvilinear than more obscured continental "radiations", may relate to extreme NW Pacific impact energisation.

Indeed, if we include the peninsulas and islands of SE Asia as well as Melanesia, the overall form of these arcs is strikingly like a megaphone.

This SE Asia megaphone opens the "Wrong Way", that is towards, rather than away from, Pacific Ocean impact energisation, antipodal to Fig 1's "Right Way" red impact signature.

## OVERALL THESIS PROOF

Refer to v.001 Abstract, especially its Points 10- onwards, for Overall Thesis Proof.

It was the above antipodal resonance, after much work on Ghosts and macro-symmetries, that opened up Vols v-x confirmation of my overall thesis.

An important implication of this and other "Right Way" flares and subflares opposed to "Wrong Way" flares and subflares, consistent with impacts at or ahead of the "Right Way" flares, are the globally ubiquitous antipodal resonances of Vol w, Slide 32, x.01-2's Map Of Antipodal Conjugacies (MOAC), the flares of which thus evidently locate impacts unambiguously.

Vols 3s' PIRO-IRO ghosts were confirmed by Vol 1's macro-symmetries, Vol y's globally macroed multiscale serm symmetries.

## CORROBORATION

Vol 1's macro-symmetries and other ghosts, Vols v-x's antipodal resonances and other serm morphologies thus corroborate this paper's "Double Whammy" Effect:

Oceans have evidently been just as much inscribed by PIRO-IRO degeneracies/ghosts as continents, most strongly by the Africa Ghost and its symmetries, also by Pacific Surrounds, SE Asia and Himalayas Ghost symmetries.

### GENERALISATION

Note that "Double Whammy" Effect is a simplification of more general phenomenon:

Local impact energisations have evidently been spread globally, via interference pattern degeneracies, efficient mantle serm-CMB waveguide (4.2) connections.

3.5-7's prominence of Antarctica and Australia potentials, for example, indicate that the North Atlantic Ocean was indirectly energised by SW Pacific, South Pacific, North American and Arctic impactors, via the Australia Ghost, Africa Ghost antipode and so on, and vice versa (Antipodal Component above).

### RETROSPECTION

Thus, just as this paper informed Vol 1, so Vol 1 informed this paper . . . I came close to making a short cut to Vol x confirmation about this time, via pursuit of antipodal resonances.

But proof had always been my top priority, v.002 Acknowledgements. I believed that my ghosts would be hard to sell scientifically, even as symmetries.

Thus on the verge of looking for AODI-like flares beyond AODI, associated with Australia, South America Ghost antipodal conjugacies, which I would have found, instead, after this paper I turned my attention towards Vols 1, 2, global multiscale symmetries, Vols 0, y.

This excursion was ultimately justified however, by its discovery of how faultlines are rotationally inscribed as macros, y.02; symmetry proof of super huge impact, y.06.

### SOUTH AMERICA SURROUNDS

The Trinidade and Nile arcs fit together almost as tightly in the Medial Ghost Antipode as they did in the original piggyback superposition.

The E coast of the Medial Ghost Antipode follows the W edge of the mid-South Atlantic Ridge, and Bouvet, Prince Edward and Crozet Islands, consistent with co-genesis.

The Medial Ghost South America Surrounds Antipode was validated by the coincidence of its important Xingu River potential with the Peru-Chile Trench (Point 16 in Medial Ghost Details, paper 2).

The Medial Ghost was thus indirectly re-confirmed also, via its Hainan Island/200m South China Sea depth contour relic progenitor of the Xingu River potential.

These Medial Ghost South America Surround coincidences and Peru-Chile Trench inscription, corroborate other indications that its Piggyback potential has produced an emphatic antipodal conjugacy.

### AFRICA-POLYNESIA

The Africa Ghost has also been confirmed by its antipode and symmetries about IHBO, and symmetries of neighbouring ghosts.

The Africa Ghost antipodal conjugacies show how Africa has been produced as an antipode to a Piggyback potential circumscribing Polynesian impacts.

Most of Africa has been "Double Whammy"-energised by sloping impactors also: Ahead of North American and NE Pacific impactors.

The Polynesian Africa potential more or less abuts IHBO, directly ahead of Australia, consistent with extremely energetic Polynesian impacts.

Its IHBO-Symmetry at Australia has evidently helped produce the Indian Ocean antipode to North America (See Indian Ocean below also), helped produce the SW Pacific Ocean antipodally (Vols 0, 1).

The whole of the Pacific Ocean has evidently been mostly configured by the PIRO-IRO Piggyback potential, most notably as SW, NW, NE & E Pacific Ghosts.

This plus the Africa Ghost's globally extensive symmetries corroborate the argument that PIRO-IRO co-originated with this ghost's encompassing the major part of THESI energy.

#### SOUTH AMERICA

Recall that the Medial Ghost South America Xingu River potential was antipodally resonant with the Peru-Chile Trench, consistent with other indications of strong antipodal resonances between South America and SE Asia.

These include Amazonia-SE Asia serm, Philippine Trench-Mouths of the Amazon, Lake Baikal-Tierra del Fuego antipodal conjugacies.

Alignment of the E mouth of the Amazon, Xingu and Uruguay River potentials with IHBO, is further corroboration.

The extreme contrast of the Andes and Peru-Chile Trench, and extreme ruggedness of the Peru-Chile coastline indicate that this it is the South American side of the antipodal conjugacy that was impacted.

This is corroborated by Fig 1-consistent implications of East Pacific and other Ghost macro-symmetries (Vol 1).

#### AUSTRALIA

The Australia proto-PIRO potential was strongly energised by AODI and far NW North America impactors.

Antarctica and Australia Ghosts and other evidences, notably Fig 1, indicate Antipodal Effect-ed Antarctica and Australia geneses from a heavily impacted North Atlantic Ocean.

Australia, Antarctica and Africa have received major energisations ahead of SW, South, E and SE Pacific impactors also, as in the Africa Ghost antipode (ebook Front Cover), SW Pacific Ghost and so on.

This is indicated by serm morphologies also. Impacts across Northern Australia may be indicated by unusually "sharp-shouldered" "tuning fork" symmetries.

#### INDIAN OCEAN

SE Madagascar Basin genesis is consistent with genesis ahead of North American West Coastal and Rocky Mountains impactors.

The Indian Ocean is both antipodal to North America and directly ahead of evidently most extreme Polynesian Africa Ghost antipodal impactors, a "triple whammy", 3.1, FRUITFUL IDEAS, American Anomalies.

#### INDIAN & SE PACIFIC OCEANS

The Indian Ocean and SE Pacific Ocean may owe much of their genesis largely to their having been inscribed by Africa Ghost Macro-symmetries (Vols 0, 1) energised by Pacific Ocean impactors.

#### NORTH AMERICA

Strong North Atlantic Ridge manifestation of IHBO, IHBO-centred North America-Europe, North America-Africa macro-symmetries, Africa, Medial and other NW Pacific Ghosts, indicate that N and W North America have been heavily impacted, consistent with serm morphologies.

#### NORTH ATLANTIC & ARCTIC OCEANS

There are many indications in 3.4-6, that the North Atlantic has a mostly direct impact genesis:

- Antarctica and Australia Ghost and other evidences of "double whammy" Antarctica and Australia geneses,
- Impact-consistent extreme Freeze Effect of neighbouring Arctic America, West Arctica.
- North Atlantic Ridge manifestation of IHBO (1.01),
- IHBO-centred North America-Europe, North America-Africa macro-symmetries,
- Arctic and North Atlantic Ocean deep morphologies,
- Greenland, Iceland, Azores, Bahamas serm morphologies, and so on,

#### ANTARCTICA

Antarctica and Australia Ghosts and other evidences indicate Antipodal Effect-ed Antarctica and Australia geneses from a heavily impacted North Atlantic Ocean.

The evidence of Medial, Africa and other Ghosts is that Antarctica has been strongly resonant with the AODI cavity and other North American and North Atlantic impact energisations.

The globally extreme volcanism and ruggedness of the central South Pacific Ocean is consistent with Antarctica having also been energised ahead of central South Pacific Impactors.

The profound circularity and IHBO abutment of Antarctica at the Mount Siple symmetry, is intriguingly shared by two other examples:

My Lop Nor serm is similarly IHBO-abutted ahead of Sea of Okhotsk-Kamchatka impactors; China is similarly IHBO-abutted ahead of Sea of Japan centred, limb-regional impactors.

### KEY POSITIONS, SHAPES

The three most perfectly circular, large terrestrial serms are China (2K kd), Antarctica (4K kd), and my Lop Nor serm (4K kd), 3.3.

That these all sit tangential to the non-impact side of IHBO, is extremely unlikely to be a random coincidence.

This idea is corroborated by next most circularly formed large serms and their counterparts:

1. These span EurAsia not far beyond IHBO also: SE Asia, Himalayas, SW Asia, Western Siberia, Scandinavia, Mato Grosso.
2. Their counterparts on the impact side of IHBO, NE Asia, Arctica and North America, shallow sea-continental impacts, are much less circular.
3. The most perfectly circular half-oceanic serm and its antipode, Marianas & Mato Grosso 4K kd serms are exceptionally similarly circular, the kind of exceptions that prove a rule.
4. Refer to CONTINENT/OCEAN UPLIFT/DEPRESSION, Southern Ocean Genesis above, and to 0.001, CORROBORATION Points 7-9 for further explanation.

The IHBO-abutted positions and unusually circular shapes of uplifted Antarctica, my Lop Nor serm, and China, and half-sunken Marianas & Mato Grosso 4K kd serms corroborate the key idea of impact-effected leakiness underlying this paper's thesis of continent/ocean uplift/depression.