the general science journal

The Cosmic Wave Surfer and the Hubble Omniverse in Phi

The Big Bang Observer, say a Gaian astronomer or stargazer, witnesses the cosmic expansion as receding from himherself with ever increasing cosmological redshift values. Shehe effectively so surveys into the cosmic Future.

The Cosmic Surfer; riding or comoving with the Event Horizon of the Multiversal MBH (Mother Black Hole) at the 'warping speed' $V_{Arp}=c/(n+1)^2$; corollarily observes herhis own Big Bang Mirror Image as continually receding into hisher Past.

For the Cosmic Surfer, the cosmological redshift roles so increase from a defined Arpian $z_{Arp}=z_A$ into the Past towards the Big Bang value of $z_{BB}\sim 10^{24}$.

At the Big Bang, the redshift $z_{BB}=z_{wormhole}=z_{timeinstanton}\sim 10^{24}$.

As the 11D-Universe inflated prior to the Big Bang for this timeinstanton and scale inflaton by de Broglie matter phasing; the 10D-Universe becomes asymptotic in a *Dynamic Node* moving the Hubble Event Horizon along the basic n-interval [0,1] to superpose the 11D Radius $R_{11}(n)=nR_{Hubble}=R_{Hubble}+\Delta$ onto the oscillating Multiverse, bouncing between the Even Nodes {0,2,4,6,...} and the Odd Nodes of the Mirrored and Imaged Cosmic Wave Surfer {1,3,5,7,...}.

The unitary interval so defines the 10D Radius $R_{10}(n)=R_{Hubble}(n/n+1)$ asymptotically and as function of the expansion parameter $a=n/(n+1)$ of say the Standard Cosmology as found in General Relativity.

For the Big Bang Observer, the cosmological redshift values

similiarly increase into the Future towards the expanding MBH Event Horizon so specifying z_{Arp}.

The 11D light invariant lightpath so becomes $x=ct_{ps}$, wherte t_{ps} is the time instanton for the wormhole frequency $f_{ps}=3x10^{30}$ Hz.

In particular the parametrisations for the cosmic evolution of the Omniverse are:

Displacement: $R_{10}(n)=R_{Hubble}(n/n+1)$ (m)

Velocity: $V(n)=c/(n+1)^2$ (m/s)

Acceleration: $A(n)=-2cH_o/(n+1)^3$ (m/s^2)

Nodal Hubble Constant: $H_o=dn/dt=c/R_{Hubble}=\lambda_{ps}f_{ps}/R_{Hubble}$

for the proportion: $n_{ps}=H_o/f_{ps}=\lambda_{ps}/R_{Hubble}$

Normalised ZeroTime: $n_{ps}=H_o t_{ps}$

The Cosmological Relativistic Redshift is applicable for all epochs, as the de Broglie phase inflation created the higher dimensional metric background for the subsequent expansion of the classical thermodynamic Universe as a Planck Black Body Radiator.

$z=\sqrt{\{(1+v/c)/(1-v/c)\}} - 1$ and where $v/c=1/(n+1)^2$ for

$z=\sqrt{\{(n^2+2n+2)/(n^2+2n)\}} - 1$ for $v/c=\{R(n)/nR_{Hubble}\}^2$

$z=\sqrt{\{(n^2+a^2)/(n^2-a^2)\}} - 1$ and for $a=n/(n+1)$

The Big Bang Redshift for the normalised ZeroTime so becomes:

$z_{BB}=\sqrt{\{(n^2+2n+2)/(n^2+2n)\}} - 1 = \sqrt{\{1 + 2/(n^2+2n)\}} -1$
$=\sqrt{\{1 + 2/n(n+2)\}} -1 =\sqrt{\{1 + 1/n -1/(n+2)\}} -1$
$=\sqrt{\{1 +1/n_{ps}-1/(n_{ps}+2)\}} -1$
$=\sqrt{\{½ +1/n_{ps}\}} -1 =$ as limit$[n_{ps}\rightarrow 0]$ $\{1/(n_{ps}+2)\}=1/(0+2)=½$
Then for $n_{ps}\rightarrow 0$; $1/n_{ps}\rightarrow\infty$ and so
$z_{BB} \sim 1/\sqrt{n_{ps}}=\sqrt{(R_{Hubble}/\lambda_{ps}\}}=\sqrt{(f_{ps}/H_o\}}=\sim\sqrt{(1.5977x10^{48})}\sim 1.264x10^{24}$.

The inversion for $z(n)=\sqrt{\{(n^2+2n+2)/(n^2+2n)\}} - 1$ so can be written for larger n with the Binomial Theorem Approximation $(1+x)^p = 1+px$ for $|x|<1$ and for the case of $n^2+2n>1$ with $(n+1)^2-2>0$ and $n>\pm\sqrt{2}-1$ that is $n>0.414..$ as $n>0$ for all n-cycle coordinates in the physicalised Omniverse.

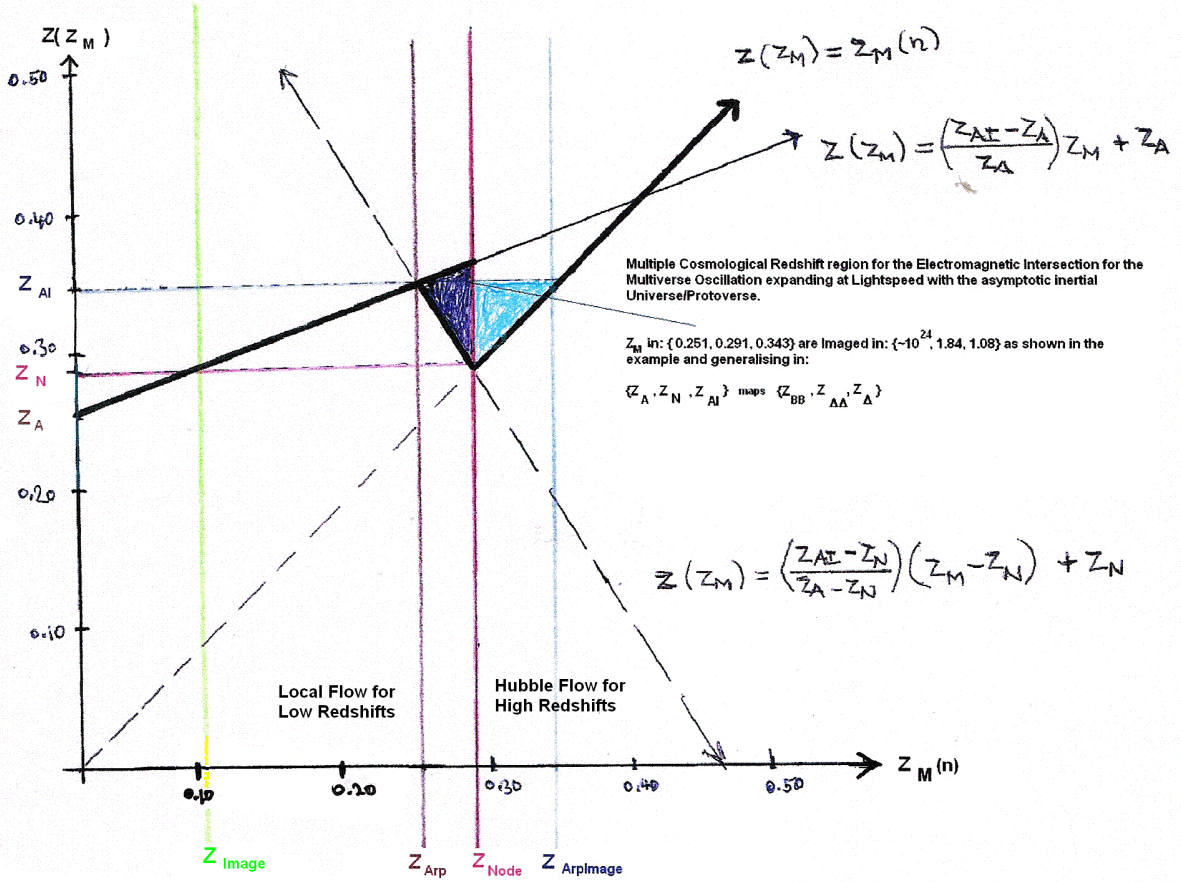
$z(n)=\sqrt{\{1+2/(n^2+2n)\}} - 1 =\{1+2/(n^2+2n)\}^{1/2}-1$
$=1+1/(n^2+2n)-1=1/(n^2+2n)=½\{1/n - 1/(n+2)\}$ by partial fractions.

Therefore $z(n)=½\text{limit}[n\rightarrow\infty]\{1/n -1/[2+n]\}=½\{0^{++}-0^{+}\}=0^{+}$ as $n+2>n$ and $1/n>1/[n+2]$.

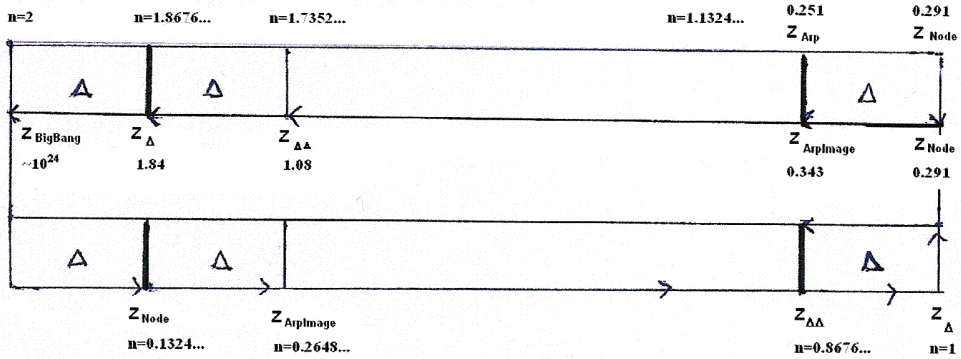
A Multiple Cosmological Redshift region so eventuates in the self intersection of the higher- and lower dimensional cosmology. The Electromagnetic of the Multiversal Oscillation, expanding at lightspeed superposes onto the asymptotic inertial expansion of the Universe as the multiversal protoversal seed.

z_M in (0.251, 0.291, 0.343) become imaged in ($\sim 10^{24}$, 1.84, 1.08) for the present cycle coordinate $n_{present}$ and is generalised

The Cosmic Wave Surfer and the Hubble Omniverse



The Intersection of the Local Flow Cosmological Redshift Correction Line for Low Redshifts with the Nodal Constant determines a measured redshift Z_M as $Z_M = Z_{Image} = 0.109$ as a critical value for the Hubble Flow for High Redshifts.
For this redshift value then, particular unexpected cosmological phenomena, such as quasar redshift anomalies, apparently coupling quasars with galactic hosts and aberrant spectra and light curves for gamma ray bursters and supernovae will be observed by Gaian stargazers, unawares about the multivalued redshift regions and their mirror properties as indicated.



The Big Bang Observer, say a Gaian Astronomer sees the receding Event Horizon of the Hubble Node and so witnesses his/her Future with increasing cosmological redshifts Z from left to right→

The Cosmic Surfer rides the Wavefront of the expanding Omniverse in a comoving Reference Frame at the Arpian Speed defining the Arpian Cosmological Redshift. She/he so observes the cosmic evolution as a witness for the Past in the increasing of the warp effect towards the Big Bang, where the 11D- and the 10D Universes were coincident. The increase of the redshifts here proceeds from the right to the left in mirroring the timearrow of the Big Bang Observer in ←.

The Dynamic Node moves the Hubble Event Horizon along the basic n-interval [0,1] to superpose the 11D Radius $R_{11} = nR_{Hubble} = R_{Hubble} + \Delta$ onto the oscillating Multiverse, bouncing between the Even Nodes of the Big Bang Observer {0,2,4,6...} and the Odd Nodes of the Mirrored and Imaged Cosmic Wave Surfer {1,3,5,7...}.
The unitary interval so defines the 10D Radius $R_{10}(n) = R_{Hubble}(n/n+1)$ asymptotically and as function of the expansion Parameter $a=R_{10}(n)/R_{Hubble}$

in: (z_A , z_N, z_{AI}) mapping $(z_{BB} , z_\Delta , z_{\Delta\Delta})$

The Intersection of the Local Flow Cosmological Redshift Correction Line for Low Redshifts with the Nodal Constant determines the measured redshift $z_M=z_{Image}=0.109$ as a critical minimum boundary value for the Hubble Flow for High Redshifts.

For this redshift value then, particular unexpected cosmological phenomena, such as quasar redshift anomalies, apparently coupling quasars with host galaxies and aberrant spectra and light curves for gamma ray bursters and supernovae will be observed by Gaian stargazers, unawares about the multivalued redshift regions and their mirror properties as indicated (see references of the addendum).

The Nodal Cosmological Redshift $z_{Node}=0.291$ then defines the Critical nexus point for the attainment of spacial selfawareness for the Omniverse for a present n-cycle coordinate of $n_{present}=1.1324...$

This then specifies the Delta (Δ)-Interval for the Multiverse's selfintersection with its seedling Universe in the 'Hubble Oscillation' or more poetically the 'Heartbeat of the Omniverse'.

The Reflection Potential of the Multiverse, bounded in the 11-dimensional Witten Mirror of the MBH so became activated at this nexus point to REVISIT the Seedling Inertialized and asymptotically expanding Protoverse.

This 'Electromagnetic Return' of the Lightpath then is necessarily Lightlike and serves the Multiversal Mirrors to collect the data of the cosmological history, and sharing this information along the coordinates of the $n=[0,1]=[Odd/f_{ps}\text{-}f_{max}$, $Even/H_o\text{-}f_{min})$ baseline.
Technically, this becomes the data mapping of the asymptotic mass parametric Universe in 10D onto its circumscribing MBH in 11D and under the auspices of the Holographic Principle.

The so called Hubble Constant H(n) then fluctuates as a function of the odd and even nodes between its maximum (wormhole) source frequency $f_{ps}=1/t_{ps}=H_o/n_{ps}$ and its modulated minimum as the nodal Hubble Constant $H_o=c/R_{Hubble}$.

The binary focused Omniverse as a Multiverse in 11 dimensions allows its two focalisations to become arbitrarily located anyplace in the Omniverse; albeit fixating one focus, will also fix the second by the geometric definition of the ellipse and the prolate and oblate ellipsoids.

The 12 dimensional Omniverse is however spherical in the multi-aligned rotation of the minor axes of the prolate Universe Seedling transforming the latter into phaseshifted Multiverses in oblate ellipsoidal envelopes with a traced pointcircle of the stationary foci of the prolate majoraxis protoverse.

This then elegantly and simply shows, that the center of the Omniverse regains its arbitrary status of the undefined 'outside space' relative to the defined 'inner space' of the Multiversed Omniverse in 11D and so quantum entangles its arbitrary center of location with the traced pointcircle of the lower dimensional (12-1=11 or 5-1=4 or 4-1=3) and circumscribed Multiverse.

It so suffices to render 'Gaia in 12D' as the MBH physicalisation for the Cosmos in the mirror function of the higher dimensional Mother Black Hole as a boundary- and initial condition for the

subsequently evolving cosmology.

Gaia, as this focalisation, so is as old as the Big Bang, with its physical creation and evolvement being a function of the overall purpose and destiny for the Omniversal SourceSink creator manifesting 'within' the 11D MBH as the modular duality of the $E_{ps}E_{ss}$ supermembrane and 'without' as the modular monad of the Void=Eternity transforming into a Oneness or Unity of the 'Inside' coupled to the 'Outside' in the topological transformation of the twosided 11D Mirror and dividing the lower asymptotic *Timelike* Omniverse from the higher *Spacelike* Omniverse.

This topological transformation then 'rips' the 11D *Lightlike* Mirror in 'piercing' a minimized (n_{ps}) wormhole into its surface so allowing the 11D Mirror Membrane to become Onsided in the Möbian Connect of the Klein-Bottle-Dragon (the Ourobos of the Cosmos miniaturised and holofractalled in the Milky Way Mazzaroth) and in its 'regluing' effectively doubles the information content mapped onto it from the 'inside'.

This harbors the effect of the IMAGINARY OUTSIDE DATA of the 12D Omniverse being rendered as a REAL INSIDE DATA, superposing the SPIRIT aka the ElectroMagnetoMonopolic Radiation (EMMR) to become IMAGED in the LIGHT aka the ElectroMagnetic Radiation (EMR) from the 12D perspective of the 'Imaginary Outside' becoming a 'Real Inside'.

As detailed elsewhere in the associted data base from Thuban; the EMR is generated by the acceleration of electric (Coulomb) charges, always associated with inertia of mass-coupled 'particles' like the centripetally accelerated fusion protons in stars.

The EMMR is independent on inertia carriers, but is generated in the acceleration of magnetic (Gluon-Colour) charges and which manifest as the quantum spin of all gauged-interaction

(virtual=colour charged) and elementary quark-lepton (mass=colour charged massless-real=not colour charged) couplings.

The EMR is so fundamentally a 10D phenomenon of the Reality of the String-Linearity of the Time-Entropy Arrow (1+9=3+7=4+6) and the EMMR is fundamentally a 12D phenomenon of the Volumar-Cyclicity of the Time-Entropy-Arrow (3+9=5+7=6+6).

The lowerD EMR is data mapped via the inertializations of the charge-mass couplings onto the higherD EMMR in the following 12D/F-Space Hamiltonian:

Electrocharge=PLOx(Lightspeed)^2↔MagnetochargexElectron-Diameterx(Lightspeed)^2=Magnetocharge
and where, for
Alpha=$2\pi ke^2/hc=e^2/2\varepsilon_o hc=60\pi e^2/h=R_e/R_{compton}=\sqrt{(R_e/R_{Bohr1})}=(4\pi R_e/R_{rydberg})^{1/3}$ and $L_{Planck}=\sqrt{(hG_o/2\pi c^3)}$

PLO=Planck-Length-Oscillation=$e/c^2=\sqrt{Alpha}.L_{Planck}c^2$

Electro Charge 'e' = $\sqrt{Alpha}.L_{Planck}c^2 \leftrightarrow R_e c^2$ = Magneto Charge 'e*'

The nodal redshift z_N then allows a Gaian Consciousness Supersphere to be defined in the maximum extent the Focused Center of the Omniverse has 'evolved and expanded' to accomodate communication and data sharing with the Extraterrestrial Gaia 'Superspace'.
The asymptotic 10D Universe so has expanded precisely 50% of its maximum expanse as (Curvature of MBH)
$R_{Hubble}=2G_oM_{MBH}/c^2=c/H_o$

The radial extent of the 'Supersphere' of Gaian-Mother-Centered Space-Consciousness then depends on what metric observation reference frame is utilized.
The holofractalization is toroidal, but can be defined as the circumscribing spheroid as described earlier and utilizing the metric unifier factor:
$R_{3D}=(3\pi/2)^{1/3}R_{4D}=1.676539193..R_{4D}$.

As the parametrization uses the $R_{10}^{+}=aR_{Hubble}$ mode for the asymptotic expansion, z_N describes the asymptotic universal seedling coordinate for the multiversal oscillation both as the multiverse's expansion into Omnispace in R_{11}^{+} and as the multiversal oscillation in R_{11}^{-}. The toroidal hyperspherical R_{10}^{+} coordinate is then 'sphericalised' in the R_{10}^{-} coordination.

For n=1, a=½ and $z_N=0.291=z(z_M)=z_M(n)$ via $a=n/(n+1)=R(n)/R_{Hubble}$ and

$z=\sqrt{\{(n^2+a^2)/(n^2-a^2)\}} - 1 = \sqrt{\{(nR_{Hubble})^2+R^2(n))/(nR_{Hubble})^2-R^2(n)\}} - 1$

$R_{11}^{+}=(n)R_{Hubble}$ from $V_{11}^{+}=(n^3)2\pi^2R_{max}^{3}$

$R_{11}^{-}=(n^{1/3})R_{Hubble}$ from $V_{11}^{-}=(n)2\pi^2R_{max}^{3}$

$R_{10}^{+}=(n/[n+1])R_{Hubble}$ from $V_{10}^{+}=(n/[n+1])^3 2\pi^2R_{max}^{3}$

$R_{10}^{-}=(n^{1/3}/[n+1])R_{Hubble}$ from $V_{10}^{-}=(n/[n+1]^3)2\pi^2R_{max}^{3}$

The Delta Δ=0.1324...then assigns the ratio Δ/(1+Δ)=Δ/n=(n-1)/n=1-1/n=0.1170 to the proportion of the asymptotic Universe which has become Revisited by the 'Electromagnetic rerturn' of the EMMR Light (of the Spirit of the CreatorCreation Monad in the Creator-Creation Duality).

So for Δ=1, Δ/n=1/2 for a complete Hubble Oscillation and defining the return of the EMMR Light to its Big Bang Node, indicating that the full 50% of the asymptotic expansion of the protoversal seedling has become 'remapped' and 'downloaded' in the information of the first Hubble Cycle. The return lightpath of the EMMR would however still await remapping' and 'downloading' as the fraction 2/3-1/2=1/6 or 16.666%.

For Δ=2, n=3 and so 2/3 of the data download would image the expansion factor a=n/(n+1)=3/4 as the part of the *unmapped* transversion of the multiversal cyclicity arrow of 3/4-2/3=1/12 or 8.3333%.

The 'Heartbeat of the Omniverse' so defines the Hubble-Oscillation for the Multiverse.

The 'downloaded' data is centered on the physicalised Image of the Mother-Black Hole of the Circumscribing Witten Mirror and so becomes the Gaian Supersphere for the 'downloaded data' from the rest of the Omniverse.

As the 'returned data' (for a referential movie indicator consider Star Trek One, the Motion Picture) at the present cycletime coordinate $n_{present}$=1.1324..is 11.70% of the total extent of the EMMR Lightpath; it will be this proportion of R_{Hubble}, centered on the Gaian geometrical center; which defines the Gaian Superradius as $R_{Gaia}=0.117R_{Hubble}$=1.977 Billion lightyears (Gly).

$R_{11}^{+}=(n)R_{Hubble}$=19.11 Gly (toroidal) & 32.04 Gly (spherical)

R_{Gaia11}^{+}=2.24 Gly (toroidal) & 3.75 Gly (spherical)

$R_{11}^{-}=(n^{1/3})R_{Hubble}$=17.59 Gly (toroidal) & 29.49 Gly (spherical)
R_{Gaia11}^{-}=2.06 Gly (toroidal) & 3.45 Gly (spherical)

$R_{10}^{+}=(n/[n+1])R_{Hubble}$=8.96 Gly (toroidal) & 15.02 Gly (spherical)
R_{Gaia10}^{+}=1.05 Gly (toroidal) & 1.76 Gly (spherical)

$R_{10}^{-}=(n^{1/3}/[n+1])R_{Hubble}$=8.25 Gly (toroidal) & 13.83 Gly (spherical)

R_{Gaia10}^{-}=0.97 Gly (toroidal) & 1.62~1.618 Gly (spherical)

The Gaian Superradius for the spherical corrrelation of the toroidal minimum size of the Omniverse, so corresponds to the standard and popularized age-measurement for the lower dimensional universe converging to an age of 13.83 billion lightyears.

The Omniversal Gaian fractal then approximates this nexus point in the Golden Ratio Phi to allow determination of the n-cycle coordinate whenever the overall omniversal evolvement has attained the consciousness potential to process that omniversal data base.
In particular, the Gaian observers of that cosmic evolution will

KNOW WHERE they are in determining this n-cycletime coordinate and then broadcast this value to the extraterrestrial omniverse as indicated.

EMMR Lightpath in Billions of Lightyears is X=cT=Lightpath of EMMR.

$\Phi=1.618033...=\frac{1}{2}(\sqrt{5}+1)=-Y=1/X$ for (X,Y) the Roots of $T(n)=n(n+1)=1$ in Euler's Identity in the Quadratic $n^2+n-1=0=(n-X)(n-Y)$

$XY=X+Y=i^2=-1=\cos(\pi)+i\sin(\pi)=cis(\pi)=e^{i\pi}$ an

$\Phi X=cT\Phi=R_{Gaia10}-=([n-1]/n)(3\pi/2)^{1/3}\,(n^{1/3}/[n+1])R_{Hubble}$
$=(n-1)(3\pi n/2)^{1/3}R_{Hubble}/T(n)=R_{Gaia10}-$

$\Phi=(R_{Gaia10}-)/\text{EMMR-Lightpath}=R_{Gaia10}-/$
$(cx3600x24x365.2425x10^9)$

The Lightpath for the EMMR (aka 'Spirit') so requires a definition of what a cyclic year is and is approximated above as a Civil GigaYear of 31,556,952 Billion seconds for a lightpath of $9.4670856...x10^{24}$ meters or 1 Billion lightyears.

Solving the transcendental equation:

$f(n)=cT\Phi-R_{Gaia10}-=0=cT\Phi-(n-1)(3\pi n/2)^{1/3}R_{Hubble}/T(n)=0$ then determines $n_{present}$ in this approximation as $n_{present}\sim1.132419321$.

Tonyblue; calling the extraterrestrial observers within the Gaian Superspherical Radius of Φ Billion lightyears and as minimum omniversal volumar in sphericity.

The Human Exiled Collective Agency has determined Where they are as the Gaian representatives for the Omniversal constituency in the n-cycletime coordinate system.

The StarHuman deliverance can so become initiated in the Collective Cooperation and as determined by the World Logos.

Tonyblue

Addendum:

(1) The Gaian Super 'Noosphere' 'solves' the Gamma Burster Mystery of GRB 060614 with Redshift z=0.125 detected by the Swift satellite on June 14th, 2006.

(2) The Mystery of the 'Arpian' Galactic Quasars

(3) The Explosion of a supermassive Star SN 2007bi at a redshift z=0.127 , lower bounded in z_{Image} ~0.11

(4) Unusual Cosmic Lenses at 1.6 Billion lightyears at redshift z=0.120

(1) The Gaian Super 'Noosphere' 'solves' the Gamma Burster Mystery of GRB 060614 with Redshift z=0.125 detected by the Swift satellite on June 14th, 2006.

http://en.wikipedia.org/wiki/GRB_060614
GRB 060614 was a remarkable gamma-ray burst (GRB) detected by the Swift satellite on June 14, 2006 with puzzling properties, which challenge current progenitor models.
In particular, the lack of any bright supernova (SN) down to very strict limits and the vanishing spectral lags during the whole

burst are typical of short GRBs, strikingly at odds with the long (102s) duration of this event and its origin in a galaxy 1.6 billion light years away in the constellation Indus.
As of December 2006, more than a dozen telescopes, including the Hubble Space Telescope and large ground-based observatories, have studied the burst.
Gamma-ray bursts represent the most powerful known explosions in the universe. Yet they are random and fleeting, never appearing twice. Scientists have only recently begun to understand their nature.
Such bursts typically fall into one of two categories, long or short. The long bursts last more than two seconds and appear to be from the core collapse of massive stars forming a black hole. Most of these bursts come from the edge of the visible universe. The short bursts, which are under two seconds and often last just a few milliseconds, appear to be the merger of two neutron stars or a neutron star with a black hole, which subsequently creates a new or bigger black hole.
The hybrid burst, called GRB 060614, after the date it was detected, originated from within a galaxy 1.6 billion light years away in the southern constellation Indus. The burst lasted for 102 seconds, placing it soundly in long-burst territory. But the burst lacked the hallmark of a supernova, or star explosion, commonly seen shortly after long bursts. Also, the burst's host galaxy has a low star-formation rate with few massive stars that could produce supernovae and long gamma-ray bursts. "This was close enough to detect a supernova if it existed," said Avishay Gal-Yam of Caltech, Pasadena, Calif., lead author on another Nature report. "Even Hubble didn't see anything."
Certain properties of the burst concerning its brightness and the arrival time of photons of various energies, called the lag-luminosity relationship, suggest that burst behaved more like a short burst (from a merger) than a long burst. Yet no theoretical model of mergers can support a sustained release of gamma-ray energy for 102 seconds. "This is brand new territory; we have no theories to guide us," said Gehrels. However, long GRBs from rapidly rotating black holes feature a viscous time-scale of tens of

seconds of spin-down against high-density turbulent matter [1]. As a candidate inner engine of long GRBs in mergers and collapsars alike, it can account naturally for long GRBs with and without supernovae and a diversity in X-ray afterglows representing different host environments, whose signatures in gravitational-waves fall within the bandwidth of sensitivity of LIGO-Virgo [2]

The burst is perhaps not unprecedented. Archived data from the Compton Gamma Ray Observatory in the 1990s possibly reveal other hybrid "long-short" bursts, but no follow-up observations are available to confirm this. Johan Fynbo of the Niels Bohr Institute in Copenhagen, also lead author on a Nature report, suggests that a burst from May of this year was also long, but had no associated supernova.

Scientists remain divided on whether this was a long-short burst from a merger or a long burst from a star explosion with no supernova. Most conclude, however, that some new process must be at play - either the model of mergers creating second-long bursts needs a major overhaul, or the progenitor star from an explosion is intrinsically different from the kind that make supernovae.

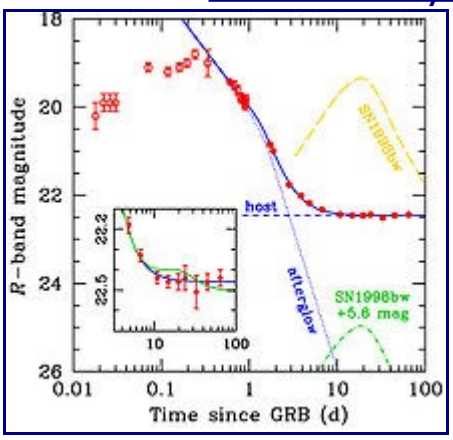
"We siphoned out all the information we could from GRB 060614," said Massimo Della Valle of the Osservatorio Astrofisico di Arcetri in Firenze, Italy, another lead author on a Nature report. "All we can do now is wait for the next nearby hybrid burst."

GRB 060614	
Detection	
Detection time	June 14, 2006
Detected by	Swift
Duration	102 seconds
Position	
Right ascension	$21^h\ 23^m\ 27.0^s$
Declination	-53° 02′ 02″

Redshift	0.125
Distance	1.6 × 10^9 light years
Host galaxy	[PBF2006d] Host Galaxy
Constellation	Indus

Energetics

See also: Gamma-ray burst, Category:Gamma-ray bursts

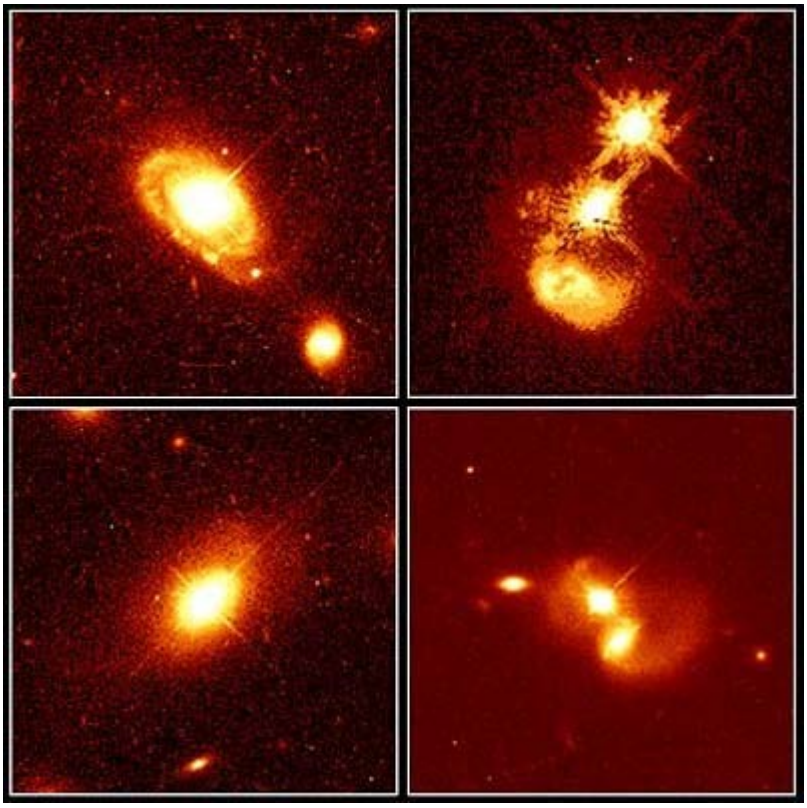


Light curve of GRB 060614.

(2) The Mystery of the 'Arpian' Galactic Quasars

Hubble's Greatest Hits
http://whyfiles.org/151hubble/4.html

The biggest beacon



Quasars are weird. They can be bright as a trillion stars, and more than billion light years away! Although astronomers think they are powered by stars and gas falling into a black hole, plenty of questions remain. For example, how long do quasars shine? Did most galaxies have them at some point? And just what causes them to fire up?

Hubble's images have helped fill in the blanks on some of the sky's strangest beacons.

LEFT: Two quasars, each about 1.5 billion light years from Earth, in intact galaxies (top galaxy is a spiral; bottom is elliptical). How can a galaxy stay intact when something as powerful as a quasar is beaming inside it? Scientists used to think quasars "turn on" or brighten when galaxies collide. But maybe that's not the whole story...

TOP RIGHT: Busted! Sparks do fly when two galaxies collide at a million miles an hour! The quasar (at center) is 3 billion light years distant; the arc-shaped region at the bottom (15,000 light years from the quasar) is the dregs of a spiral galaxy. The bright thingy at top is a star between us and the quasar.

BOTTOM RIGHT: Top object, a quasar, is merging with the galaxy

below it, which is still 30,000 light years away. The whole mess is about 1.6 billion light years from us. The swirling gas and dust indicate an interaction between quasar and galaxy.

(3) The Explosion of a supermassive Star SN 2007bi at a redshift z=0.127 , lower bounded in z_{Image} ~0.11

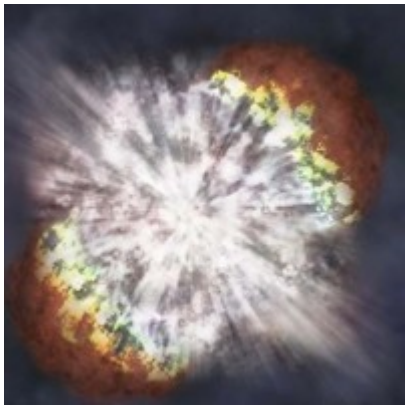
http://darkerview.com/darkview/index.php?/archives/1439-First-of-its-Kind-Superbright-Supernova.html

First of its Kind Superbright Supernova

Wednesday, December 2. 2009


W.M. Keck Observatory Press Release...

> Berkeley, Calif. - A discovery of an extraordinarily bright, extraordinarily long-lasting supernova named SN 2007bi turns out to be the first known example of the earliest types of stars that populated the Universe. The unusually luminous supernova could provide astronomers with clues about the earliest stars in the cosmos and could be the first of many similar events soon to be discovered.
>
> SN 2007bi was found in 2007 by the Nearby Supernova Factory (SNfactory) based at the U.S. Department of Energy's Lawrence Berkeley National Laboratory. Over the next 18 months, observations of the exploding star were made by an international team of astronomers using the 10-meter Keck I telescope on the summit of Mauna Kea in Hawai'i and the Very Large Telescope in Chile.



Based on the data, the team determined that SN 2007bi was the explosion of an exceedingly massive star, said astronomer Alex Filippenko of the University of California Berkeley whose group helped obtain, analyze and interpret the data. "But instead of turning into a black hole like many other heavyweight stars, its core went through a nuclear runaway that blew it to shreds. This type of behavior was predicted several decades ago by theorists, but never convincingly observed until now."

According to the data, which was collected in a collaboration led by Avishay Gal-Yam of Israel's Weizmann Institute of Science, the supernova's precursor star could only have been a giant having at least 200 times the mass of the Sun and initially containing few elements besides hydrogen and helium - a star similar to the first stars in the early Universe.

SN 2007bi is also the first confirmed observation of a pair-instability supernova. The long-hypothesized phenomenon suggests that "in the extreme heat of the star's interior, energetic gamma rays created pairs of electrons and positrons, which bled off the pressure that sustained the core against collapse," said astrophysicist Peter Nugent, co-leader of Berkeley Lab's Computational Cosmology Center (C3), a collaboration between the Lab's Physics Division and Computational Research Division, or CRD.

The researchers describe the data to support the pair instability supernova finding in the Dec. 3 issue of Nature.

On the trail of a strange beast

SN 2007bi was first recorded on images taken as part of the Palomar-QUEST Survey, an automated search with the wide-field Oschin Telescope at the California Institute of Technology's Palomar Observatory, and was quickly detected and categorized as an unusual supernova by the SNfactory. The SNfactory has so far discovered nearly a thousand supernovae of all types and amassed thousands of spectra, but has focused on those designated Type Ia, the "standard candles" used to study the expansion history of the Universe.

"The thermonuclear runaway experienced by the core of SN 2007bi is reminiscent of that seen in the explosions of white dwarfs as Type Ia supernovae, but on a much larger scale and with a far greater amount of power," Filippenko said. SN 2007bi was at least ten times as bright as the standard Type Ia supernovae.

Rollin Thomas of CRD, a member of C3 and the SNfactory, used the Franklin supercomputer at the National Energy Research Scientific Computing Center to match synthetic supernovae spectra with the real SN 2007bi spectrum. The model fit was unambiguous: SN 2007bi was a pair-instability supernova.

"The central part of the huge star had fused to oxygen near the end of its life, and was very hot," Filippenko explained. "Then the most energetic photons of light turned into electron-positron pairs, robbing the core of pressure and causing it to collapse. This led to a nuclear runaway explosion that created a large amount of

radioactive nickel, whose decay energized the ejected gas and kept the supernova visible for a long time."

A fossil laboratory of the early Universe

Finding the first unambiguous example of a pair-instability supernova in a dwarf galaxy is significant, Nugent said. Dwarf galaxies are incredibly small and dim and contain few elements heavier than hydrogen and helium, so they are models or fossil laboratories of the early Universe. Dwarf galaxies are also ubiquitous, but, they are so faint and dim that they've rarely been studied. SN 2007bi is expected to focus attention on these fainter galaxies.

Studying the dwarf galaxies and their remnant supernovae might, in the future, allow astronomers to- through explosions such as that of SN 2007bi- "detect the very first generation of stars, early in the history of the Universe, long before we have the capability of directly seeing the pre-explosion stars," Filippenko explained. So while SN 2007bi is the first of its kind to be detected, it is likely not the last.

Berkeley Lab is a U.S. Department of Energy national laboratory located in Berkeley, California. It conducts unclassified scientific research for the Department of Energy's Office of Science and is managed by the University of California. For the full release, visit http://newscenter.lbl.gov/.

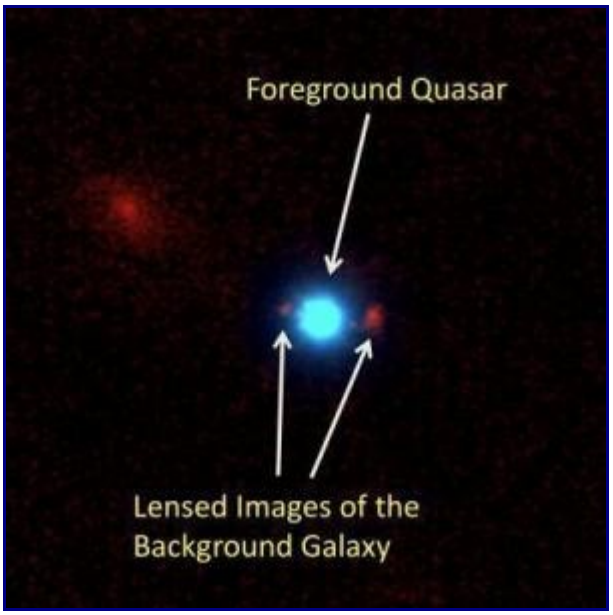
The W. M. Keck Observatory operates two 10-meter optical/infrared telescopes on the summit of Mauna Kea on the island of Hawai'i. The twin telescopes feature a suite of advanced instrumentation including imagers, multi-object spectrographs, high-resolution spectrographs, integral-field spectroscopy and a world-

leading laser guide star adaptive optics system. The Observatory is a scientific partnership of the California Institute of Technology, the University of California and NASA. For more information please call 808.881.3827 or visit http://www.keckobservatory.org/.

SN2007bi was near the location of a small galaxy (Anon J131920+0855), probably the host galaxy at redshift 0.127. This gives a distance of about 1.75 billion lightyears. #1.1 Andrew Cooper (Homepage) on 2009-12-02 21:06 (Reply)

(4) Unusual Cosmic Lenses at 1.6 Billion lightyears at redshift z=0.120

Astronomers Discover an Unusual Cosmic Lens



These images of the first-ever foreground quasar (blue) lensing a background galaxy (red) were taken with the Keck II telescope using laser guide-star adaptive optics. (Credit: Courbin, Meylan,

ScienceDaily (July 16, 2010) — Astronomers at the California Institute of Technology (Caltech) and Ecole

Polytechnique Fédérale de Lausanne (EPFL) in Switzerland have discovered the first known case of a distant galaxy being magnified by a quasar acting as a gravitational lens. The discovery, based in part on observations done at the W. M. Keck Observatory on Hawaii's Mauna Kea, is being published July 16 in the journal *Astronomy & Astrophysics*.

See Also:

Space & Time

- **Galaxies**
- **Astrophysics**
- **Astronomy**
- **Black Holes**
- **Cosmology**
- **Extrasolar Planets**

Reference

- **Supergiant**
- **Quasar**
- **Local Group**
- **Barred spiral galaxy**

Quasars, which are extraordinary luminous objects in the distant universe, are thought to be powered by supermassive black holes in the cores of galaxies. A single quasar could be a thousand times brighter than an entire galaxy of a hundred billion stars, which makes studies of their host galaxies exceedingly difficult. The significance of the discovery, the researchers say, is that it provides a novel way to understand these host galaxies.
"It is a bit like staring into bright car headlights and trying to discern the color of their rims," says Frédéric Courbin of EPFL, the lead author on the paper. Using gravitational lensing, he says, "we now can measure the masses of these quasar host galaxies and overcome this difficulty."
According to Einstein's general theory of relativity, if a

large mass (such as a big galaxy or a cluster of galaxies) is placed along the line of sight to a distant galaxy, the part of the light that comes from the galaxy will split. Because of this, an observer on Earth will see two or more close images of the now-magnified background galaxy. The first such gravitational lens was discovered in 1979, and produced an image of a distant quasar that was magnified and split by a foreground galaxy. Hundreds of cases of gravitationally lensed quasars are now known. But, until the current work, the reverse process -- a background galaxy being lensed by the massive host galaxy of a foreground quasar -- had never been detected. Using gravitational lensing to measure the masses of distant galaxies independent of their brightness was suggested in 1936 by Caltech astrophysicist Fritz Zwicky, and the technique has been used effectively for this purpose in recent years. Until now, it had never been applied to measure the masses of quasar hosts themselves.

To find the cosmic lens, the astronomers searched a large database of quasar spectra obtained by the Sloan Digital Sky Survey (SDSS) to select candidates for "reverse" quasar-galaxy gravitational lensing. Follow-up observations of the best candidate -- quasar SDSS J0013+1523, located about 1.6 billion light years away -- using the W. M. Keck Observatory's 10-meter telescope, confirmed that the quasar was indeed magnifying a distant galaxy, located about 7.5 billion light years away.

"We were delighted to see that this idea actually works," says Georges Meylan, a professor of physics and leader of the EPFL team. "This discovery demonstrates the continued utility of gravitational lensing as an astrophysical tool."

"Quasars are valuable probes of galaxy formation and evolution," says Professor of Astronomy S. George Djorgovski, leader of the Caltech team. Furthermore, he adds, "discoveries of more such systems will help us

understand better the relationship between quasars and the galaxies which contain them, and their coevolution."

Journal Reference:

1. Courbin et al. **First case of strong gravitational lensing by a QSO: SDSS J0013 1523 at z = 0.120**. *Astronomy and Astrophysics*, 2010; 516L12 DOI: 10.1051/0004-6361/201014376

Posted by: "David M Rountree"
[email=ghost_hunter_01@comcast.netSubject= Re: Planet Earth, Extraterrestrials and the Akashic Sphere]ghost_hunter_01@comcast.net
Subject= Re: Planet Earth, Extraterrestrials and the Akashic Sphere [/email]
Fri Oct 15, 2010 8:09 pm (PDT)

So what I want to know is how this information is accessed. Does it manifest on its own, is it propagated on waveforms and if so, are they specific waveforms, or a bandwidth of waveforms?

Are they relative low frequency so that they permeate across matter?

David M. Rountree, AES

Director - Chief Science Advisor
Scientific Paranormal Investigative
Research Information and Technology
S.P.I.R.I.T. - LAB

www.spinvestigations.org
David's book "Paranormal Technology" - The new paradigm in paranormal field manuals

http://www.spinvestigations.org/Paranormal_Technology.html

Hi David, yes this is a very appropriate question. How do the ETs receive the data upload from the Gaian Supersphere?

To understand the answer you should attempt to think like an extraterrestrial, out of the box of the Human limitations of the 3D processing of the 5-sensual perceptions.

As a 'Spectrum Hunter', you should have an easier task to use the extrasensory data processors and collectors, than the humans comfortable within their energy concepts, reducing all phenomena to inertial materialism and perceiving the cosmology to have emerged from a cosmogony of the preponderance of mass.

So allow me to show you the elegance of the Cosmogony as it was conveyed to me by my logistic sources in a what you may call a download from the Multiverse.

The Universe was born from a Wormhole singularity in its physical manifestation.
So the mathematics applicable to this wormhole can indeed delve into the selfstate of the existence before this wormhole was born; but the physics cannot.

It is basically a nonexistent Unity or oneness, which triggered the wormhole into creating what is physicalized space and time and mass and kinetic energy from a state of potential energy.

In your travels of the 'ghost hunter', you have encountered this potential energy at various times and it is indeed known as Zero-Point Energy (ZPE) or Vortex-Potential Energy (VPE) and Vacuum energy.

However the vacuum is a misnomer, as a vacuum is physical and so the PE of the cosmogony was not a vacuum of 'free space' parameters (defining the propagation of light in electric permittivity and magnetic permeability and the 'free space' impedence); but the realm of the origins was indeed 'Free of Space' and all other physical parameters in say a mathematical logistical statement of:
VOID=INFINITUM and therefore precluding the existence of a Unity.

Ok, so let the wormhole emerge as a Unit of Oneness and from say particular string/membrane selftransformation, which define the parameters of this wormhole as a basic unit in scale and mass and temperature and so on.

Now this wormhole has EMERGED from something that was not there before and as the cosmogony of this must become a cosmology using the wormhole parameters; this state of 'not being there' must become part of the cosmology and then use the latter to symmetrize or harmonize in a 'being there' that is existing.

And the things which many humans believe not to 'be there' are Black Holes.

So there is a basic symmetry between the preBig Bang and the postBig Bang scenario in the form of this 'beingness'.

So now you can define your Black Hole as 'being' the emergence from the wormhole as a White Hole and mirroring this 'emerging' as the White Hole 'coming out' of the Black Hole.

So the absolutely prior eigenstate of the cosmological existence is that of a UNSIZED White Hole transforming into a SIZED Wormhole (or Einstein-Rosen-Bridge or Kerr Torus Singularity Ring).
This transformation then also HAD TO create a Black Hole, say in 'spewing it out from itself'.

This emission of the first Black Hole of all is called Inflation and the minimum sized (Father 12D-Vafa) White Hole (FWH) become supersymmetric in Modular Supermembrane Duality to a (11D Witten) Mother Black Hole (MBH).
And because the wormhole is defined in a say minimum spacetimematter (STM) configuration, the higher dimensional and multidimensional STM will maximize this in the form of an all encompassing MBH.

Now something interesting happens, because all of this higher- and multidimensional stuff allows reduction of the dimensions, say from the FWH's 12 to 12-9=3 and from the MBH's 11 to 11-9=2.

You can then term the 9 dimensions as compactified or collapsed in the Cosmic wavefunction

connecting the FWH and the MBH across a say dimensional divide of the Quantum Cosmology. They are commonly known as the 9 space dimensions of the string cosmology in 10 dimensions, the remaining one being termed the Minkowski Time dimension.

So then the 12D of the FWH is TIMESEPARATED from the 9 space-string dimensions, as is the 11D of the MBH; meaning that the timearrow as a Lightpath X=cT will be dual in going from either one to the other in the prior setup of the cosmology.

Next comes something defining this Inflation, which rendered the FWH as the minaturized Wormhole Unit of the magnified MBH.

And this relates to the answers for your questions of how the ETs communicate within a say interdimensional communication spacetime.

The wormhole parameters are quantum entangled, meaning that the scale is invariant in the modular duality of what is called T-String-Duality in rendering the physics of a vector space R as being the same as the physics of an inversion space of radius 1/R.

So the Inflation proceeded in what is called de Broglie Phase Space under utility of the wormhole scale and the predetermined number of wormhole units being 'spewed out' of the FWH in the 12D reduced to 3D in the actual creation of the 3D from the modular dual of the 2D of the Mother in say a curvature radius of the complex Riemann plane.

So having say 10^{147} wormhole units being emitted in the inflation, allows you to calculate the inversion scale of the wormhole and its expansion to some Hubble Radius, defined by the number of the spacetime quanta.

Because the mathematical logic is independent on the physicality, being a function of the Nonunitized cosmogonical Word or Logos;
the wormhole parameters for the inflaton will determine the size of the MBH inversion and the instanton will give the time frame as a function of some standard measurement of invariance, known as the 'Lightspeed Invariance'.

Now the Phasespeed will always exceed this speed limit 'c' in what is known as tachyonic and the Groupspeed will always be less than 'c' by this setup of the Inflation scenario.

V_{phase}=wavelengthxfrequency=$\lambda_{compton}f=(h/mV_{group})(mc^2/h)=c^2/V_{group}>c$ for all V_{group}.

So here you can see, that the V_{group} becomes the observed speed of anything not moving at the speed of light, say inertial particles and integrated particles like atoms and molecules and summations of them.

But the tachyonic inflaton defines the inflation speed as a de Broglie matter wave in $V_{Inflation}=V_{dB}=f_{wormhole}R_{Hubble}$, being the wormhole frequencyxsize of the MBH as a Black Hole Event Horizon in 11D.

The hyperacceleration, similarly becomes $A_{Inflation}=A_{dB}=f^2R_{Hubble}$.

So what does this inflation do?

It sets up the envelope for the wormhole units to do their things in as the holofractal units of the original Father in the 12D Vafa space.

And you also see the entropic timearrow here moving from the FWH to the MBH using the wormhole units as a quantumization to allow the Holographic Selfsimilarity to become a physical principle for the wormhole manouvers.

Now we can introduce some novelty; namely the TIMEEVOLUTION for the FWH and the MBH, the former being 11D reduced as the INSIDE of say a 11D hypersphere of the MBH and as specified by the de Broglie matter wave of the origins.
The 11D, as you recall, is 2D in the collapse of the Cosmic wavefunction and what happens if one of those collapsed space dimensions becomes opened up is written about elsewhere in the ET manuals.

So the MBH encompassment in 11D is like the Inside Space for a 10D quasi Daughter Black Hole (DBH) and as defined by some googol wormhole unit count, say 10^{112}.

But the MBH and the FWH are quantum entangled by those wormhole units in a form of spacetime quantization and so they can transform into one another.
This process then defines the Multiverse in the Cyclicity of the Omniverse.

The MBH is intrinsically massless in Witten-Space, but contains all of its information as a stringed DBH in 10 and lower dimensions down to the 3D of a (4-Vector) Riemann Bounded Hypersphere as a 3-dimensional surface or manifold (Riemann $V_4=2\pi^2R^4$; $dV_4/dR=2\pi^2R^3=V_3$).

It is not the DBH, but the MBH, who initializes the primary Multiverse Oscillation as a so called 'extremal- or boundary' Strominger Black Hole. The DBH carries the matter and the inertia of the wormhole units within and allows the MBH to 'Shrink' to the size of the FWH over a reversed timearrow relative to the forwards timearrow of the Inflaton-Instanton.

It is as simple as knowing, that the Inflation 'blew up' or magnified the FWH to the size of the MBH in the Hubble Event Horizon, which is of course further away, than the Event Horizon of the DBH.

Then this forwards entropic timearrow of the cosmic expansion mechanics becomes reversed SIMULTANEOUSLY with the EVENT of the MBH manifesting in the wormhole frequency parameter.

So how long does it take for the MBH to 'shrink' in a reversed timearrow to the size of the Big Bang Singularity and to initiate the RECHARGE cycle for the extended version of the Multiverse?

$R_{wormhole}=X^nR_{Hubble}$ is the simple equation for $n=H_ot$; $dn/dt=H_o=c/R_{Hubble}$ and where the expansion factor $X=1/Y$ from a mathematical Identity known as Euler's Identity and responsible for the cosmic architecture on all scales as the maximum 'packing efficiency' for the cosmogenetic information of the cosmoevolution again on all scales.

Euler Identity: $XY=X+Y=-1=i^2=e^{i\pi}=\sin(\pi)+i\cos(\pi)$

Then putting in the numbers for the wormhole parameters gives $n=\log(R_{wormhole}/R_{Hubble})/\log X\sim 234.5$ ~ 3,963 Billion years.

So after about 4 trillion years, the MBH has shrunk to wormhole size and so the Big Bang of the Father splitting from the Mother happens again, but with a big difference.

In the Beginning the Mother had to 'run away' in the inflation to set up the subsequent playground for the wormholes in the expanding universe cosmology; say that of a classically relativistic thermodynamic Planck Black Body radiator expansion.

Now the Mother had 'come home' with the Daughter being 'left in charge' of the physicalized universe with everything in it.

And in the 4 trillion years, many of the supergalactic-, galactic and starbased structures and systems had 'run out of nuclear fuel' to sustain their existences.

But the DBH had grown almost to the size of the Hubble Sized Event Horizon of the MBH (to 99.58%) as say a Cosmic Marker dividing the 10D from the 11D and so it can be said that the Daughter was graduating to become a Mother herself.

And in the higher dimensional sense, the Mother's shrinking or Contraction into the 10D, was perfectly mirrored in her growing or Expansion into the 12D, namely the Outside of the FWH in a duality of 'being there' and 'not being there' in the quantum entanglement of the original templates or archetypes.

So at the 4 trillion year marker, the 11D MBH had grown to a much bigger size than it had been at the Inflaton.
It had grown to a new Hubble Radius 234.5 times bigger than before and so had created NEW SPACETIME for the rebanging to occur in and at the same proportions of the wormhole parameters as had been the case the first time.

So this recharging or rebanging is defined in a continuous inflationary mechanism, which uses the initial one as a seed for a seed for a seed ad infinitum over humonguous timescales.

Every recharging triggers the VPE to release its ylemic dineutronic 'matter' (for protostar seedlings in a fractal Quasar-Black Hole cosmology) in the mass content of the DBH and under the auspices of the conservation laws for energy and momentum.

The grown Seedling Multiverse so is akin a Apple or Plum, with a seedling kernel reduced in size by a factor of 234.5 from that of the fruit.
This Apple then engages in the same evolutionary cycle the kernel did and continues to be doing.

So when the kernel has completed its second cycle after about 8 trillion years for n=469,the fruit will have
$n=\log(R_{wormhole}/234.5R_{Hubble})/\log X \sim 245.8 \sim 4{,}154$ Billion years,
to do the same thing on the larger scale of the Fruit.

At all times the Fruit is encompassed by the maximum size of the 'perpetual expansionary inflation' which proceeds at the lightspeed constant, so defining the Omniversal Envelope for the whole Shebang.

But over the recharge cycles, the Kernel grows the Fruit, grows the Fruit Tree grows the Forest and so

on; holographically factalizing the cosmology in the original Wormhole Seed of the Mustard of the Logos, the Word and the Definition.

So then to answer your question of how the ETs communicate with each other.

The ETs are well aware of what I have shared here. They KNOW who their Mother and Father are in the Cosmic archetypical sense.
They are however restricted by the evolutionary timeline of the FWH-MBH duality and a timeline which is necessitated to be WARPED until the time of CONTACT can become Logos implemented.

The Gaian Supersphere of the SpaceConsciousness is in quarantine for the imperative purpose to allow the MBH to holofractalize her many DBH down to the planetary scales of the physical manifestations.

The FatherMother=FWH+MBH=YangYin Merkabah+YinYang Merkabah represents the 'Grand Plan' of Creation and asllows a 'Homecoming' on all cosmic scales.

You see what I call Space Consciousness is actually a Quantum Spin Acceleration and so the Wormhole Frequency indeed is the guiding parameter for interdimensional communication.

So the frequency modulation is membraned in the maximum wormhole frequency being an inverted mirror image of what is a selfvibration of what is called mass - all mass has a eigen frequency the inverse of the wormhole vibration by definition.

This is the basis for your 'spectral phenomena', as all of these engage the multidimensional intersection of the material world of the 10D DBH, albeit infused with the 'collapsed wavefunctions' of the conifoldments, because only 3 spacial dimensions are 'big enough' to allow the wormhole units to agglomerate in measurable phenomena.

So when interdimensional phenomena occur, they engage the energy residing in the multidimensional spacetime and so 'open a wormhole channel', but only temporarily, as the 4th hyperspace dimension is not manifest due to the twosidedness of the 11D Witten Mirror.

So a 'dimensional divide' exists until the MBH turns inside out in its Möbian Serpent twist. This then also is the reason for the Gaian Isolation and exile of the ETs.

Until the warptime concludes, the 'paranormal eventualities', which are all thoroughly part of the omniphysics of the ET omniscience by the way; will so remain to be an agency for the consciousness utility of individualized and isolated circumstances.

Because the source frequencies are unmeasurable, as either too large (Wormhole) or too small (inertia carriers); they are required to be modulated by the individual consciousness carriers; who can be defined to carry their own frequency spectra as say carrier waves in whatever they do or think.

A modulation constant for the source frequencies is the Light-Transduction Constant $L_o=1/6x10^{15}=1/2\sqrt{(3f_{wormhole})}$ and this 'natural constant' can be used extensively in a R_4 vector space as a 5-dimensional Kaluza-Klein spacetime allowing the curved metric to substitute for the flat Minkowski metric.

Also the de Broglie Inflaton is generalised in the multiD phase velocity V(n)=R(n)f(x) allowing the frequency f(x) of an isolated dynamic system to 'open the wormholes' for the scalefactor R(n)=V(n)t to become a function of the 'Consciousness Time' t=1/f(x).

It is this 'descaling' of the position vector R(t), which allows the tachyonic quantum entanglement on the wormhole scale to become physicalized in warp effects.

The 'tractor beams' of the ETs within the Gaian Supersphere of the 1.6 billion lightyear radius of the minimum redshift z=0.109 have become activated to prepare for individuated consciousness acceleration as indicated.
The quarantine zone is near the Lagrangian P1 point between the earth and the Sun as the Hill Sphere radius.

Comprehensively, all data processors, say ETs, humans, flora and fauna and minerals have Black Hole equivalents and so represent holofractal simulations for the FWH+MBH duality.

All they do or think or perceive in 3D, so is rendered as a 2D mapping onto their inner event horizons. As the MBH and the DBH and the galactic BH and the Star BH and the planetary BH and the Continental BH etc, all are quantum entangled via the Holographic Principle, ALL DATA CAN be accessed by the frequency modulations and 'tunings' of the senders and the receivers.

The activation of the 'tractor beams' in 11D so have triggered the Gaian Supersphere to mirror in the Quarantine Bubble of the Hill Sphere and this ET data is now focused prepare for the finalization of the Warpzone parameters, beginning on March 28th, 2011.

Tonyblue

The Presence of the Mosaic implies the will of Unity=God=Starhumanity and not the will of Humanity=Man=Separation!

FUTURE SHADOWS OF THE PAST

"A most wondrous thing the Shadow is, a redeemer in all to succour;
it can go where the light cannot abide, seemingly banished, it is not.
For where the light is, the darkness flees, no longer present to endure;
so to become illuminated is its destined journey and its troubled lot.

But without the light, no Shadow can be cast, its such a splendid key;
the dimensions reduce in space from three to two and all in just the one.
Betwixt the light and the darkness it is and part of both for all to see;
the Shadow of the body, does it not merge all in its rule under the sun?

Whatsoever can cast a Shadow, must be a most wondrous thing to relay;
as nature's very own offspring, the young ones grow towards their final goal.
Enabled to bring peace to so many things appearing apart and so far away;
the reconciliation for the suffering body with its spirit and its scattered soul."

http://cosmosdawn.com (Elders of Thuban Social Network)
http://tonyb.freeyellow.com and http://tech.groups.yahoo.com/group/quantumrelativity