

Chapter 7 -

A Bronze World Clock from the Greek Island Antikythera



The Antikythera Mechanism or mechanical computing clock device is the most complex instrument of antiquity.¹ After 100 years of academic quandary, this device forces us to admit that our knowledge of ancient science and technology is limited.

Some time ago, I received an email from a German professor asking me to check out a contraption that no scientist has been able to figure out. It was a quest worth missing my hot tub session with a glass of wine! The Antikythera bronze mechanism was found by a sponge diver in the sea around the Greek island of Antikythera in 1900. Due to its many gears, this box looks like a clock or calculator and is dated to 80 BC.

I spent some time looking at the picture and became convinced that it is a three-tilt-axis calculator/calendar just like the Chinese three bronze disks dated 2000 BC photographed in an architectural magazine². (See Chapter 6)

Nobody has been able to figure that one either. I will describe some of the features in detail, as it was challenge and fun to decipher its secrets. My original hunch was that it might be similar to a cuckoo clock, which gave me a reason to visit the Schwarz Wald in Germany and drink some beer. I asked the locals to explain their cuckoo clocks in more detail with the thought of buying one to take home.

The Antikythera clock defies any known comparison and has no equal in the ancient world to compare it with. Even allowing for the passage of two-thousand years, the Antikythera mechanism evidences calendar cycles obviously different from those used today. It provides dramatic testimony that the earth's ancient pattern of motion through space was not the same in the past as it is today. Think about it. If the earth's axes of rotation were the same anciently as today, then scholars would have already deciphered its intricate gearing because computer models could match all of those gears' possibilities against present

¹ www.antikythera-mechanism.gr
http://ccat.sas.upenn.edu/rrice/usna_pap.html
<http://www.math.sunysb.edu/~tony/whatsnew/column/antikytheral-0400/kyth1.html>

² **Architectural Digest**, The International Magazine of Interior Design, August 2004, page 153. www.archdiest.com

astronomical knowledge.

Today, the earth moves through space on two axes: 1) its 365.24-day orbit around the sun; and 2) its 23½° angle of 24-hour day rotation on its axis. Of course, both numbers are approximates. My hypothesis states that there was a third axis in the past that spun the earth on its plane of solar orbit much the same, horizontal way a top spins on a smooth, flat surface when it slows down from spinning upright on its point. What follows is based upon a clear understanding of the facts covered in that proposed explanation for the very different structure of ancient calendars. Anyone interested in reading about my new interpretation for this and other ancient clocks should first read about the 3 spin-axes hypothesis for our earth described in my earlier chapters.

I believe most astrological clock ranges begin from a starting point before the Flood of Noah at 21 December 2288 BC. From there, they go forward to AD 2012. I recently discovered a Hebrew code in the biblical book of Daniel. His prophecies provide numeric relationships that are analogous to the famous Rosetta Stone that permitted the deciphering of the Egyptian hieroglyphs. The Rosetta Stone of Bible prophecy predicts an apocalypse to begin in 2008, climax in 2012 and end in 2015.

The Antikythera clock collecting dust in an Athens museum has the same dates imbedded in it. Needless to say, it shook me up. It has been identified as a mechanical calculator, perhaps given to Julius Caesar in 46 BC. He caused the ancient calendar to be changed to what is known as the Julian calendar. Julius adjusted the Roman calendar that had probably not changed since Moses' time. The main reason may have been due to his generals' complaints that provisions for their troops never seemed to correlate with local calendars. He added sixty-two days to the calendar year.



An engraving on the Antikythera clock mechanism of current BC/AD time measurements causes conflicts with the carbon dating of objects prior to 80 BC. I believe that carbon dating methods are obsolete since the 1940s because of the worldwide radiation caused by America's atomic bomb experiments in the Pacific have permanently polluted the earth, hence any C-14 readings are faulty and no longer make sense.

I noticed calibration dates are engraved on the outside base plate with important dates to indicate minor adjustments. It is a genius device capable of calibrating any clock in the world to the solar system in order to tell accurate time.

Every clock has a range to determine how long it will run like the length of a cuckoo clock chain, but astrological clocks are dependant on the sky for accurate use. For instance, there are twelve zodiac signs or constellations. If one picks the constellation of Draco mentioned in the Great Pyramid and align it with the clock, then it is possible to determine what time it is on our own calendar. Once you grasp this concept, you will understand my spin-axis hypothesis. It makes perfect sense, and this ancient calculator will prove my theory beyond a doubt.

Current calendar clocks measure time from a fixed spin-axis position of 23½°. They are designed around seasonal

quarter years marked by equinox-solstice cycles in equal hour-month progressions with holidays near on solstice dates like Christmas or the 4th of July appearing in predictable intervals. In ancient times, calendar clocks were different and worked like a shrinking rubber band that changed the clock gear cycles every hundred years with the "hours" getting smaller until it came to the almost rest of $23\frac{1}{2}^{\circ}$ a little over 2,000 years ago.

So think of a clock that begins with an hour of 60 minutes but will automatically lose 1 minute that year to begin the second year with 59-minute hours. It will begin the 10th year with hours of only 50 minutes. Ten years later the hours only have 40 minutes, so that Christmas comes a little earlier every year and very noticeably so after twenty years.

Why Scholars do Not Understand Ancient Clocks

When ancient calendars could not predict the time of the solstices, the only option for the ancients was direct observation. The Aztecs went crazy building pyramids in Mexico City in order to watch a changing sky. The changing calendar cycles' unpredictability inspired the religious sacrifice of thousands of people to appease the gods in the heavens who screwed up their expensive, million-dollar pyramid clocks that no longer harmonizing with the planting seasons. This is why the priests had 100,000 slaves construct a new pyramid on top of the other five times – once every hundred years.

When technology in Western Europe advanced enough to make gears out of bronze, some engineering genius designed a rubber band clock that could make the adjustments without the need to put thousands of people to work on pyramids for calendar observation purposes. The building projects continued, but the purpose shifted to glorifying the powerful in charge. Eventually pyramid building gave way to other elaborate structures like temples, coliseums, cathedrals and even today's skyscrapers. Mankind's basic urge to build larger and bigger buildings seems to be apart of human nature. The Bible records that the first thing men wanted to build after leaving Noah's boat was a tower to reach the heavens. Nothing seems to have changed. Why?

The complexity of the multi-gear Antikythera calculator demands an explanation beyond what scholars have given. There must have been an important reason beyond what scientists can observe today that motivated its designer. Today's scientists are blinded by the unverifiable religious stories of evolution's mythology. It is impossible for them to understand that the Aztecs missed the fact that the great asteroid strike changed the earth's rotation patterns and timing.

That asteroid impact of 2287 BC caused the earth to wobble like an unwinding top. It messed up all of the calendar systems existing at that age around the globe. Scholars have not asked the right "cause and affect" questions, and their closed-minded biases about the past have also prevented them from reading the geology and fossil records properly. Most throw out what eyewitness records of the Flood and related events as not being relevant because they are religious. This faulty thinking keeps the museums' solid bronze and gold clocks shrouded in mystery.

Teaching Faulty Thinking in Schools

When our Western universities purged the Bible from every school library as not being relevant to science, they behaved like the Nazis in Germany who burned and

removed the ancient historic records of humanity like the Bible. Modern schools have replaced a creation belief system thousands of years old with a new one invented 150 years ago. Evolution is the secular state's religion to replace the old one. Today's students are taught to believe in atheistic evolutionary fairy tales.

Universities teach children stories converted and dressed up into science. It is as if a frog kissed by a maiden could evolve into a beautiful monkey ancestor of mankind if given millions of years. Some fossil fragments called "Lucy" exist, but they are no proof as we do not have a single complete fossil of a theorized intermediate species among the thousands of bones collected in museums. This is why scientists use strong-arm coercion tactics like the Aztecs seen in stone pictures. It seems that our modern religion of contemporary science does not want you to understand the Bible as clearly explained by Sir Isaac Newton. Scholars have tried to keep his writings on the Bible hidden from the public in a Jerusalem university's basement.

So why has science become so unbalanced? Why do the experts ignore so many facts that could convince us that simple life forms do not evolve into a more complex systems, which is contrary to the physical laws of entropy operating in nature?

Modern research is on the threshold of discovering new information about genetics and DNA that conflicts with the existing evolutionary dogmas. These discoveries will eventually bring down the evolutionary house of cards according to physical law. That is why the new intelligent design theories are not permitted in public schools. The theorists in power want to keep the public in the dark a little longer. They still believe against the odds that simple things evolve into bigger, more complex ones.

I have difficulty in following a logic that says something like airplanes were manufactured before they were invented. This faulty reasoning has prevented real investigation into ancient clocks connected with biblical information; therefore, the real reasons for these clocks may remain a mystery for another 100 years.

Since I still believe what the Bible teaches, let's crosscheck biblical data with our new technology. Hopefully, it will make sense to you and start the process towards a better understanding of the inner workings of DNA cellular intelligence or a mystery clock from Antikythera now deciphered in this book.

A Military Rocket Instrument – the Ball-resolver

I previously worked as an instrument maker for the military industry. In those years, I came across a rocket instrument called the ball-resolver designed in the 1960s described in Chapter 4, which could be compared with the Antikythera clock in order to better understand its ancient gear system.

This mechanical rocket guidance instrument was designed for a three-axis spin and could be put alongside our ancient Antikythera-mechanism clock as both work the same way. It is difficult to explain the technical features of any instrument when the purposes for why it was built are unknown. The same may be said about ancient calendars and clocks. To properly understand their structure, I had to postulate that the earth once moved along three axes and not just the two known today. One concept depends on the other. In this case, the ancient relationship between the earth's changing tilt axis and mystery bronze-gold clocks is still unknown to researchers blinded by uniformitarianism.

I believe that the Antikythera Clock can be set and aligned

in any century between 2287 BC to 518 BC and must be adjusted to a particular cycle of a solstice-equinox position coinciding perhaps with the Great Pyramid's Draco constellation as a reference point. One needs only to remember what year is generated on a table. We are counting from our time (2006) back toward the beginning of time - Adam and Eve at 4068 BC using the Hebrew calendar or even further (4488 BC) using the Aztec calendar. However, ancient calendars would have counted forward from the asteroid impact on 5 February 2287 BC - according to the Gregorian calendar, which is 4,293 years before 2006.

The Aztec calendar system goes back to Noah's days via Japheth's descendants. The western world got it through a Hebrew-Egypt connection from Noah's son Shem. Its traces are also found in the Bible. Specifically, Matthew's gospel records the ancestors of Jesus back to Adam. Note that this genealogy is grouped by fourteens, which is the Aztec calendar cycle used by Moses. The Hebrews preserved the Old Testament with extraordinary accuracy. We would never have known about the first human civilization of Adam and his children without it. The pre-Flood age exhibits significant scientific information that correlates with what we find in geology and the fossil records. They probably used more of the human brain capacity than we do today.

The cleaned-up faceplate of the bronze Antikythera mechanism reveals interesting dates, like 1904, 1934, 1974 and 2006. The Aztec-Chinese-Hebrew calendar prophesies that our modern civilization will end in an Apocalypse in 2012. I noticed supplementary calendar alignments from other cultures that hit the same target date exactly on the dot.

The Aztec fourth-quadrant cycle also ends on 21 December 2012. Their legend predicts a fifth cycle of abundant life following our present age that will be totally different from previous cycles, but this 4th cycle will end in total destruction.

The Hebrew fifth cycle (according to Daniel's and John's prophecies) coincides with that story and will start what is known as the Kingdom of God cycle (the Hebrew-Christian God, who is the Creator of the universe). This can be confirmed in the Aztecs' culture by pictures about future prophetic cycles painted on their palace walls. (See my report on the Teotihuacan Palace of Tepantitla in my later discourse.)

If you want to know about another discovery of ancient quadrant cycles, read my chapter of the Himmelsscheibe,³ which is a bronze plate over two feet in diameter imbedded with gold symbols found several years ago (2002) in Germany near my hometown. I interpreted it two years after its discovery. Scholars date it to the Bronze Age but do not understand it so it remains a mystery for them.

Again, none of the secular scientists have any idea of its meaning, which is typical because they reject the historical perspective of the biblical sources that record a great part of our knowledge about oldest antiquity. Being educated in both

science and the Bible, I put the Himmelsscheibe alongside the other mystery clocks. My hypotheses provide a framework in which they logically fit together in a unifying picture of the past and future. You should test its validity yourself.

A world calendar based on three changing spin-axes requires three sets of gears driving clock dials to determine the month of any given year. Ancient pendulum movements of our earth put a changing wobble in its axis that required complex clocks with two or three dials to be accurate. For the average reader to understand that principle, I must use analogies since nothing exists that we can compare it with today. We have simple, one dial clocks today because the earth's axis rests almost stable at 23½°.

But the ancient design features still appear in multi-dial clocks like an astronomical German cuckoo clock in the city of Prague described later. We think of these ancient features as only serving decorative purposes and not because they were once needed to track the irregular movement of the sun, moon and stars. Cuckoo clocks feature a beautiful bird to connect with our daily life announcing the passing hours. They remind us when to go for lunch or to go to bed. It is fun to wake up with the sound of a cuckoo's chirping and count them to see whether I can stay in bed a little longer.

We cannot get away from clock cycles it was no different in ancient times. Previous ancient timekeepers like pyramids or sundials have no gears and created many jobs for the ancient priests, some armed with tables of collected data that needed to be figured out to match the cycles of our earth.

Hourglass Analogy to Explain Three Dials

The bronze clock of Antikythera was built around a three-spin-axis concept similar to an expensive cuckoo clock. Inside, you find three clock faces that connect with one another through the gearing. The bronze clock was built before Julius Caesar's time; therefore, to understand its fundamental design, we must go back before him to see how it fits in respect to an X-axis change and learn a little about how clock gears work.

Hourglass Analogy to Explain Three Dials

If we find evidence within the structure to substantiate its theory, then we can solve its mystery scientifically. My problem is to relate unknown science and theory even though I am not gifted in writing. So I use analogies as useful tools to convey how this clock may have worked. Let's modify a simple hourglass everybody has seen one and convert it in a clock so that we can understand the next step of a mystery clock and its underlying theory.

To understand how this clock design works, take an hourglass with two round-based glass pyramids connected by a small neck. The sand inside represents a fixed amount of time that will not change as the sand passes from one side to the other. We should keep that principle in mind as we apply it to ancient clocks.

Now divide the hourglass by breaking it into two separate round-based pyramid cylinders. Imagine we will nail one pyramid cylinder on a little board through the tiny hole so it would work like a wheel turning around the nail. Then nail the other pyramid cylinder upside down on the same board



³www.apocalypse2008-2015.com/himmelsscheibe

close to each other. Now connect the two tapered wheels with a rubber band. If you turn one side of the tapered wheel, the other will turn too.

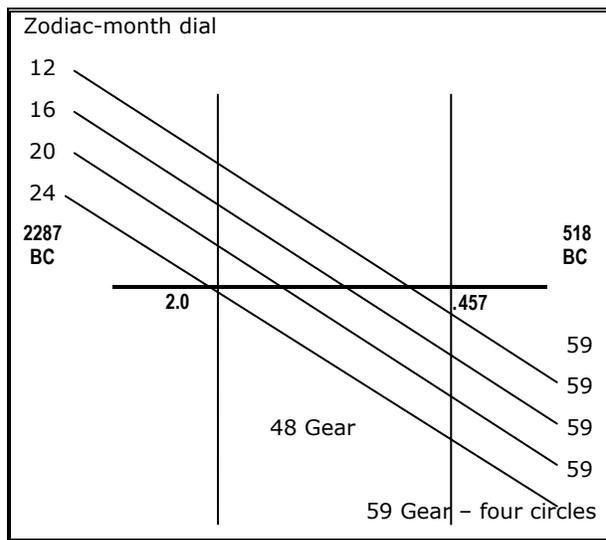
Since we want to make the other wheel go in the opposite direction, we twist the rubber band into a figure eight. A left, counterclockwise turn on one side would therefore turn the other dial clockwise in the opposite direction. You can now see that if one side of the cylinder pyramid diameter gets smaller, the other gets bigger depending on which way you move the rubber band up or down along the nail axis.

The inverted cylinder wheels each represent a spin axis. The wobbling X-axis will get smaller (upside down cylinder facing the board) and turning the rubber band will we see the rotation tilt Y-axis getting larger (big diameter base facing the board). The rubber band is analogous to the middle small dial in the back of the Antikythera clock.

The height of each cylinder represents the range from 2287 BC to 518 BC to phase out in BC/AD crossover. The back wheel of the Antikythera clock has two circles of 12 sections. It functions like a kitchen clock for those living at that time. The earth wobble defies anything we can compare it with, as physical laws are no longer applicable in our modern age. Therefore, clocks with two or three dials were the only option to track when to plant seed in spring and when to harvest crops before the winter snows.

Teeter-totter Principle

The Antikythera clock is designed to work like a teeter-totter. The center of the teeter-totter is the middle dial with 48 windows as shown in the illustration. If we have a heavy adult on one side on the teeter-totter board and a skinny child on the other end, it will not be horizontal and will not work properly. We must therefore shift the board sideways so that the heavy side is in balance with the lighter side. To find the neutral point we must move the board a little back and forth until we find the pivot point where things balance out.



48-Gear teeter-totter diagram

Similarly, this Greek clock must be cranked from both ends with pointers moving either way to adjust the center back dial to what we see in the sky in order to determine the real time in a given century. The central backside of the clock is like our Kitchen clock and has two separate circles with 12 windows. At the 10 o'clock position, we find a double marker of a small notch window that could mean a 12

o'clock calibration position to start counting the 12 months or 12 zodiac signs.

Why do we have two zodiac dials? When you look at my spin-axis graph [Figure A] in Chapter 3, you will notice an exponential curve from 2.8 to 0.54 representing the X-axis teeter-totter relationship to the Y-axis. If we use a point, for example 2.0 on the graph, that would mean Christmas (the winter solstice) comes two times in one 365-day year (Z-axis), or about two 180-day cycles.

A simple diagram will show the teeter-totter relationship of the 48 gears. On one side we have two x 12 cycle = a 24-month zodiac dial placed on the back of the clock. The other has the big 59 front dial which is really [59x4 = 236+4] = 240 windows. So the ratio from one dial to the other is 1:10, or 24 monthly cycles to 240 windows with each one being 26 cycles long. Notice that the four, slanting from left to right crossover lines are getting stretched unequally.

They look like the exponentially spaced points of my graph [Figure A] 2.0, 1.31, 0.83, and 0.457. The range of the 59-gear dial is 1,687.4 years (4x59x7.13 = 1,687.4), which makes each window 7.15 years long - the same as an Aztec stone skull (1,716/120 = 2x7.15). But the Antikythera clock is two skulls short (1,716-1,687.4 = 28.6). [28.6/7.15 = 2]

The number 2.0 on the graph signifies two solstices in one year (Z-axis), hence we can say 24 months as the Chinese calendar shows. The other end of the diagonal lines intersects with the 12 zodiac months of our present calendar clock at the 23½° tilt angle, which is 4 x 48 windows cranked at the [48-gear dial] left side. Since they are black and white, we really only have 4x24 windows. One window equals 6½ on the back dial of the Antikythera clock or 6 months.

Therefore, the wobble between 24-month to the 12-month orientation in one year is distributed over a range of 1,716 years as indicated on the 48-gear dial. Every 7.15 years, one window is moved just as the Aztecs removed one stone skull from the pile. To see it from another perspective, one solstice at 2.0 has 6 months in a year because the opposite spin eats up the other six months. Each month would therefore appear to last longer than 30 days. The 2.0 point is Abraham's lifetime, but Julius Caesar (.457) moved the calendar system from 6 to 10 months, which was later corrected to 12 months in a year.

Another common feature with the Aztec calendar's X-axis is the Greek mechanism's use of 52-day cycles divided into two observable solstice-to-solstice cycles, each 26 days overlaid. In one cycle, the sun goes up from the east to set in the west, and in the following cycle of 26 days the sun goes up from the west to set in the east. Like an invisible gyroscope, that east-west and west-east information from before the Flood about the 3-axes movement is carried forward and converted in a wobble of the earth after the asteroid impact that set off the Flood.

West east	East west	West east	East west	West east	East west
2172 BC	1897	1622	1347	1072	797-BC/AD

That new relationship I call a pendulum wobble, as the X-axis will sometimes change to be counterclockwise, like my rubber band hourglass clock model, and must be tracked during each century as the earth's axis moved towards stability. How? By looking in the sky and establishing where the sun goes up and where it sets.

teeth in our unknown clock. That fact alone links it to the other clock gears on the adjacent wall. The Chinese bronze dial clock has 64 gears of 8x8 Yin-Yang cycles, and the 7,000-year Hebrew clock has three 64-tooth gears imbedded.⁴ Thus, we see what the equation in our Antikythera clock looks like:

64	X	48	X	127	X	257	=	13.368421
38		24		32		19		

This is an astronomical ratio we will talk about at the end of this book. Our calculated ratio today is 13.368267, a very small amount difference: .0000115. That could translate to our 23½-degree tilt axis (Y), which is not at rest, as science assumes. If you turn the graphic crank to make the pointer go around, you will notice on this dial that the two pointers cross each other over seven times. At that point, we should see a marker in a circle dividing the seven cycles. Since I do not have any picture available from the clock, we should look for them because they represent the X-axis in the pre-Flood Aztec calendar.

The big pointer points to the inner second twelve-section divide, which is offset to the outer twelve-cycle divide. Notice that they indicate six turns plus a one-quarter space when they cross over as the next increments to two quarters on the sixth turn, followed by three quarters on the next sixth turn. That could reveal an inner relationship connecting concepts that could decipher its secrets.

I just wrote it down as I cranked the dial and watching past the 6th turn connected to the 48-window clock dial:

$\frac{6\frac{1}{4}}{13}$	$\frac{6\frac{3}{4}}{12\frac{3}{4}}$	$\frac{6\frac{1}{2}}{13\frac{1}{4}}$	$\frac{6\frac{3}{4}}{13}$	$\frac{6\frac{1}{2}}{12\frac{3}{4}}$	$\frac{6\frac{3}{4}}{13\frac{1}{4}}$	$\frac{6\frac{1}{4}}{13}$
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Analyzing my cranking steps of incremental quarters and adding them together reveals a familiar Aztec calendar cycle-pattern below the horizontal line.

Here is a summary:

It seems that the back dial has a built in ratio of 6½ mean averages to one window on the 48-dial [left side]. This indicates to me 13 crossover moon cycles within 12 zodiac signs.

To understand that, make a horizontal line on a piece of paper and divide it into 12 sections. Than draw with a pencil a +/- sine curve crossing over at each division continuously each cycle which would indicate a moon crossover 13 times in a 12 cycle system. You should show six plus alternating with six minus a half-circle along a horizontal line and notice the number 13 crossover from the moon's perspective. To define 12 equal cycles we need 13 dots that I call crossover.

Look past the 12th cycle connecting with a 13th cycle it should look the same as the first. So we must count the crossover of our horizontal line and compare it with this clock. Since the dial is too corroded to see perhaps numbers, we use the Aztec system of crossover. When two clock hands cross over, combined with the big pointer crossing over the small pointer it equals thirteen fields on

⁴ 4068 to 4004 BC, 518 to 454 BC, and prophetically the twelfth period of the apocalypse, May 22, 2015, to the 9th of Av, the second Hebrew fast (July 25, 2015 = 64 days).

the outer-inner periphery spaces of twelve monthly cycles just like your kitchen clock would indicate.

When we count seven crossover points around the periphery (not seen in the picture), it indicates the horizontal X-axis of my tilt-axis hypothesis explained in chapter 2. So turning seven crossovers, we indicate a number 8 on the clock dial. Look at an ordinary clock and move the big hand one time. Notice that the small hand moves to the one o'clock position at the same time. The next crossover from the one o'clock position is one o'clock plus one equal two. Seven times a portion equals one full extra turn: 7 + 1 = 8. That will play out like the Chinese bronze dial calendar, which also starts with eight.

It takes a 2x7-crossover spin to turn on this clock dial because we have winter and solstice points to consider in the pre-flood double-axis spin.

So Christmas before the flood would have come around seven times in one year, or a Fourth of July celebration would have occurred seven times in one Gregorian year each with a 26-day cycle of the old spin-axis to indicate sunrise in a future calendar. That system was then carried forward as expressed in a clock with gears.

The Aztec year, like the circle of 360°, is equal to 360 days (Z-axis). If you go back and read again my theory of the spin axis, the pre-flood Aztec calendar has seven spins on the horizontal X-axis divided into four seasons (quadrants) of thirteen days each. Twenty-six days the sun goes from east to west and twenty-six days it reverses and goes from west to east in two equal solstices in one spin.

Notice on the ten o'clock position there is a little empty space on the outer twelve-cycle dial. That point is your reference point to start setting the clock and counting. When we crank from here we will find the corresponding calendar on the other two dials related to the flood or the earth axis coming to rest, which is the Y-axis. Remember, this is setting the clock from a pre-flood reference point to find a particular reference in the calendar sequence. The asteroid hit on February 5, 2287 and would be a good point to start. We should look in the x-ray picture for a mechanism to connect one clock with another, as it is really two clocks (one before and one after the flood) to indicate X-Y axis positions in a descending/ascending calendar sequence. This is summed up in a Z-axis calendar, formerly 360 days, but now 365¼ days at a tilt-axis position of 23½°.

I do find some calibration dial markers in the photograph like a scale on an outer rim mounted on a gear to align with present solstice and zodiac dates. Different centuries require different settings for calibration over thousand years time span and must somehow be connected to a beginning to measure time.

My first prognosis is that this clock calculator dial incorporates one Aztec year (4 x 13 = 52) times 7.02 turn on the X-axis. This data is transfers to the Z-axis 365.04 days, indicating twelve Zodiac cycles on the Y axis, to establish a particular month of a particular year for the X-axis declining as measured from 2287 BC.

A 127-Tooth Gear

When I was in a German trade school sixty years ago, I trained to become an instrument maker. We had lathe machines brought from England. This cutting machine had a lead screw two inches in diameter and six feet long. From this English Zoll lead screw, we could cut any metric screw thread, but we had to convert its ratio by means of a

gearbox for the metric system used in Germany. We always had to figure out and exchange the gears to end up with a metric thread of the part we wanted to machine.

One of the most important gears was the 127-tooth gear, without which you could not cut any thread used in Germany. That was before Europe changed from the inch system to the metric system. The basic inch, I am told, was the same as the ancient Great Pyramid in the Giza dimension. Here we have a connection to our mystery clock.

So why, I asked myself, do we have a gear of 127 teeth in this clock? The ancient calendar shows a 360-day count on the Z-axis, which comes from a 360° circle. The metric system, therefore, should have a 400° circle.

In the Hebrew alphabet, the last letter, Taw, has the meaning 400, and it connotes the end of a circle system, called the Daleth dimension. However, for some strange reason, the Europeans stayed with the ancient 360° system from the Chinese-Sumerian culture, which is the PreFlood calendar structure.

Our mystery clock maker was confronted with a calendar change from a 360° BC dating system to permanently change it to a 365.24-day AD count system, as the earth's rotational tilt axis is now a stable $23\frac{1}{2}^\circ$. The clock system needed to change to something larger than the lead screw of 360° would allow.

Why, you ask? Just like I had to change the gearbox ratio on my lathe, we cannot change from an inch system unless we use a 127-tooth gear. So the clock must have been built before Christ, with a dating system that had to have a 127-teeth gear introduced afterward for an axis which became fixed at 365 days in a year. The earth is going around the sun not in even numbers. Fraction computed over thousands of years will make a difference and shift a calendar as we can see it in the Hebrew and Islamic calendars. The gears of a clock must compute fractions, which could become very complex the larger the range covered.

I think it was a clock before Julius Caesar's time that was later recalibrated with a provision marked on the base plate for future final calibration centuries later. We should look for increments of $5 \times 400 = 2,000$ years, as the Gregorian calendar is corrected one day every four hundred years.

We recognize on the base plate markings of recent dates like 1904, 1934, 1974,⁵ and 2006. These are important calibration dates to fine-tune the 2012 date, when the cuckoo-clock bird will announce twelve o'clock, time for the world system cycle to end. The Apocalypse in 2012 idea is not new: it adjusts accurately from an Aztec 52,000 precession cycle that is imbedded in other calendars like the Hebrew, Sumerian and Chinese calendars. I have give you a great deal of information. You must decide for yourself if they are valid and connect.

⁵ That date shows up again in the calculation of precessions of equinoxes in chapter 2 of this book.

The X-axis and Y-axis Dial

Let's find out when the clock was designed to tell time, from the starting point to the future. A world clock must have a starting point, when we consider zodiac positions and when our spin-axis wobble is extremely large, like a rubber-band calendar that changes from year to year. This drove the Aztecs crazy, as they built five pyramids on top of one another to have, once and for all, a stake in the ground to measure a calendar from. To no avail, as we can see today in the Mexico City outdoor museum five exposed pyramids.

When we consider a spin-axis correlation, we must also consider that the X-axis is getting smaller and the other Y-axis larger. The first dials of our Antikythera clock are similar to the Chinese three-dial clock, which reveals an X-Y axis relationship. Crank the first back-faced dial one section of 12 and notice that one crossover turns the second 48-tooth dial two squares (left dial).

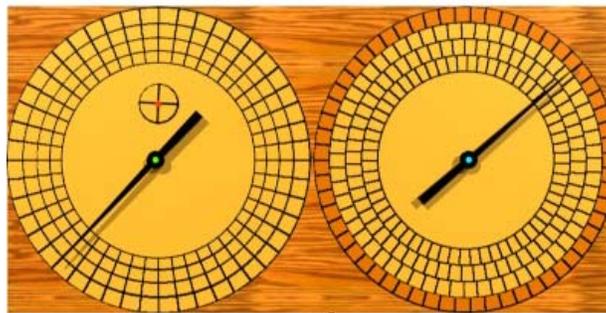
We previously determined that two turns equals thirteen on the X-axis clock. Half of that is $6\frac{1}{2}$ turns, just as one crossover equals one window of twenty-four teeth ($48/2 = 24$) on the 48-tooth dial face. Since these two dials represent X-Y axes, we can figure out when this clock design will start to track the wobble of our earth. Mankind measured the earth's wobble, which will decline at some future date. Judging from the Mexican-Aztec attempts, they did not understand a declining earth movement at first, since it had never been experienced before and never entered their minds. Spending millions of Aztec pesos to build five always-changing pyramids on top of each other to save some money, they concluded that the gods must be very angry with them because the sun kept changing its direction with stars moving through the sky. That caused a horrible reaction by the priests due to misunderstanding was happening so they sacrificed thousands of victims of their own or from raiding neighboring tribes.

Mystery of the 59-Tooth Gear (Right Dial)

On the right side of the Antikythera clock, we have a dial that has 59 fields around its periphery. It is offset four times with four identical circles. The ratio from this clock dial to the one on the left side (48 windows) is 7.5:1. Twenty-six spaces on the right dial equal one space on the left side of the 48-window dial. Accordingly, twenty-six windows are half of an Aztec solstice-to-solstice cycle.

Translating our observation of the sun rising in the east to move west would be read on the outside or outer 12-zodiac dial on the back of the clock. To differentiate between the sun's reversal in movement to go from west to east or *vice versa*, the inside circle of 12 windows was used. The corroded 59 window dial is wrong as schematically diagrammed. Instead of four concentric circles, it should have been designed with windows wound up like a spiral watch spring where the inside gets larger as it snakes four times around.

Therefore, the 59 gears can be hand-cranked around and around continuously depending observation of sunrise in a particular century. It was probably color-coded alternately to indicate sunrise positions for every 26 window-increments. To discover its operational design, crank it continuously passing many centuries seen on the 48-tooth dial until we get to the point where we see certain cycles



repeated. Let's see how it plays out.

We can construct a table if we add (26) twenty-six windows side-by-side to make the total of windows always equal 59. Any overrun is followed on the next line in a continued motion around like a clock. We have 4 window circles to turn over to cover 59 cycles 4 times with 26 Aztec-year cycles. Remember, each counting of 26 cycles across must have a sum of 59.

Let me explain it again. Look at the table. The sum of the numbers in every set of three windows across equals 59. Increments of 26 windows run over to the next line. The last square ends with $7+26+26=59$. After that it repeats, going back to the first square: $26+26+7$.

There is a leftover count of 2-4-6-1-3-5, which fills up the last square. That means we have 7 turns x 4 windows = 28 turns ($7 \times 4 = 28$) to make up 59 cycles of 26. Remember, in a previous X-axis we have 7 spins of 2 double 26-day windows discovered from the Aztec clock. After the last numbers, the cycle is repeated as when we started, meaning that the complete set of 59 cycles repeats itself.

59-Gear Dial								
26	26	7		18	26	15		
19	26	14		11	26	22		
12	26	21		4	26	22	3	
5	26	26	2	23	26	10		
24	26	9		16	26	17		
17	26	16		9	26	24		
10	26	23		2	26	26	5	
3	26	26	4	21	26	12		
22	26	11		14	26	19		
15	26	18		7	26	26		
8	26	25		2	4	6		
1	26	26	6	1	3	5		
20	26	13		26 WINDOW cycles				
13	26	20						
6	26	26	1					
25	26	8						

In the Aztecs' second pyramid, as a reference, we have $(4 \times 5 = 20) \times 13 = 260$ days. In this 59-gear dial, we have $(4 \times 7 = 28) \times 13 = 364$ days. I bolded the **5** and **7** numbers to indicate the calendar change. This tells us that the right dial will correct spin-axis sunrise cycles transferred to the next dial on the left, which connects with the back dial showing 12 zodiac positions. First, observe where the sun rises - in the east or the west, then turn the 59 window dial accordingly, either clockwise or counterclockwise, up to 26

windows in any given century and so connect with the 48-window dial. Also notice another relationship 7:5 which is embedded into the Hebrew Rosetta Stone you should learn about.

In a flexible calendar, the X-axis was unknown to the people before 518 BC so they had to track them with a calendar table like this example. The 48-window dial is the year calendar for a given century and that is the clock design with years that could be numbered like 2008-2012-2015.

The priest could observe the solstice-to-solstice position once every year and crank one of the 48-window dial to the year he happened to live in and then adjust sunset observations on the 59-window dial, which moved the 48-window dial on either a black or white field. That gave him the relative shorter month cycles or longer days of an X-Y axis relationship in a 365-day/year calendar read out on the back dial, outer or inner 12 section dial.

When the solstice year was short, the Aztecs measured it by adding so many skull heads in the Aztec clock to where our X-axis is. This can only be determined by observation of the zodiac constellations' movement within a year. An interesting situation would occur if the sky did not move when the pendulum wobble was at the 12 o'clock or zero position (the sunrise switching); therefore, no zodiac signs could be observed being stationary. That was when the 12-window back dial became handy and must take over to tell them what will happen during the next hundred-year cycle and foretell when the sun would reverse its direction of movement again.

However, to calibrate the calendar clock always had to be measured either from 2287 BC forward, or backwards from AD 2012 for the total range of that clock. The Aztec priest, knowing how many skull heads were left over in the pile of 120, could figure it out another way as the 364-day cycles is connected to the 120 skulls for a total range with the axis coming to rest.

Another thought going back to my spinning yellow marker. At the time when the three vertical axis pendulum movements became stationary at crossover, we would expect a mini ice age in the southern hemisphere for over hundred years time duration. This would have piled up the ice a hundred times more on the South Pole than the North Pole, thus people could not have lived in Australia, South Africa and southern South America without sunshine during the years of 2287-1148 BC. Almost all people migrations and settlements would take place spreading out from the equator in the northern hemisphere, which is warmer throughout those pendulum cycles. In fact, that is where scholars find the great ancient civilizations of human history.

The Mystery of the 48-Tooth Gear (Left Dial)

The left dial of the 48x4 windows represents the diminishing pile of skulls⁶ of the Aztec calendar system that measured what century they were in: each window represented a fifteen-year (about), one-day axis change (14.3). So two windows paired represents an Aztec year cycle in our Gregorian calendar, which the people in that time did not know. So paired windows transfer the equivalent of the Aztec skull-date dimensions to the first gear. Two paired windows equal movement through 12 zodiac signs/windows on the back dial of the clock. The left 59-tooth dial adjusted to sunrise positions and was read either on the outside or

⁶ The use of symbolic sacrificial skulls for counters is explained in Chapter 10, History Trail of the Aztec Culture.

inside of the clock's 12-window back dial.

Thus, the ratio of the 59-gear clock (left center) to the 48-window clock is 7.5:1 ($360/48 = 7.5$). The ratio of the left clock (the first clock on the other side) is 4:1 ($48/12 = 4$), meaning a total gear reduction ratio of $7.5 \times 4 = 30$, or two Aztec skulls. As a result, Aztec cycles are converted into our 2×12 -zodiac sign system.

In any given century, we can crank this clock on the right from a starting point, if we know the leftover 14.3-year skull time cycles. The range of Aztec years is 59×28^7 , which turns to start over the dial of this clock.

Antikythera's Two Axes, Two Dial System

The Antikythera clock measures time like two hands on a conventional clock. The two hands are the two dials 48 and 59 and works like a day-year calendar. The 48-dial indicates the slowing down of the residual X-axis velocity measured in turns from an embedded axis spin since the asteroid changed the axis of our earth. It can be compared to Gregorian solstice year cycles after 2287 BC and is tracked on the exponential curve [Figure A] which will change the monthly progressions.

The other 59-dial indicates a declining tilt-axis wobble angle measured in degree from 72° to 47° becoming $23\frac{1}{2}^\circ$ fixed from the precession of five constellations Polaris-Alderabim-Tau Herculis-Vega-Thuban as that changed the length of hours in a given day. Sometimes this axis of wobble would even make the sun rise in the west and set in the east.

The three Antikythera clock dials with 32 embedded gears work like a calculator. In short, they balance out the interactions of the changing axes to provide accurate data read outs simultaneously to both dials. Notice the 48-dial has 4 concentric circles but each circle has smaller window height indicating some thing is getting smaller switching over to the next circle. The 59-dial is different. Its windows are offset in a way that the windows get smaller. That tells me that the internal clock is designed to measure two declining factors whose intersect reveals a position on the calendar.

Let's investigate the 59-dial that marks the declining tilt axis wobble. As its windows get smaller on the clock dial, we can think of the 59-dial as a spiral unwinding 360° . The window segments become narrower by π (pi) times a diameter getting smaller. The 59-dial marks the wobble of our earth unwinding from a 72° precession through an intermediate stage of 47° and then continued unwinding until becoming relatively fixed at $23\frac{1}{2}^\circ$ angle of rotational tilt. The unwinding process began after the asteroid strike

and continued unwinding so many turns declining into smaller circles exponentially in a way conforming to Figure A.

Stretching out the total wobble so many turns, we get a range from 2287 BC to 572 BC and that could prove the clock system. Notice that the 59-dial has 4 spiral circles connected to the 48-dial with 4 concentric circles which is different. We have found out previously that one window is 7.15 years and multiply 59-window dial times 4 circles = 1,687 ($7.15 \times 59 \times 4 = 1,687$), which are the degrees of so many X-axis turns left over ($1,687/360 = 4.7$ turns).

The 4.7 Aztec turns of the 59-window dial has embedded 26 window cycles turning one window on the 48-dial. Now 4.7 turns moves the wobble from 72° to 47° tilt angle over a timeframe of 1,716 years of the spiral tilt-axis measured by the 59-dial gradually getting smaller. The 48-dial is divided internally into 26 windows cycles and has embedded 7 turns for one Gregorian year, so we multiply it by 4.7 ($7 \times 4.7 = 33$) to get 33 Aztec years. Multiplying 33 by 52 yields 1,716 years ($33 \times 52 = 1,716$) for the total range from 2287 BC to 572 BC, which is equal to 4.7 Aztec wobble turns left over as graphed on Figure A.

Or, there are 236.6 windows ($59 \times 4 = 236$) times 7.15 years = 1,716 years for the total wobble range also equal to 120

stone skulls over the total range. [Forget the fractions accumulating to two stones for 1,715 years.] Therefore, 4.7 wobble turns converted in increments of small exponential changes of a declining spiral axis starting from 72° to 47° calculates a difference of 5.3° tilt change per one wobble turn ($25^\circ/4.7 = 5.3^\circ @ 360^\circ$) to end with a fixed 47° degree wobble.

For example, picking a particular window on the 48-window dial represents a specific year identified on a table and tracked from 2287 BC. It converts a portion of 4.7 wobble circles going around and around 360° but counting windows on the 59-dial from the beginning. Each window on that dial equals a mean average of 0.1° degrees⁸. [$72^\circ - 47^\circ = 25^\circ$] ($25^\circ/236 = 0.10^\circ$), or 26 windows equals a 2.7° decline.

Once more again if you cranked the 48-window dial to a particular year it will show the correct position on the 59-window dial of the axis orientation along the 72° precession path through 5 constellations. These constellations are found on the outer circumference of many gold-bronze clocks seen in museums. Just deduct and count so many windows from the beginning of that 59-dial and multiply that number by 0.1° and subtract it from 72° to arrive at the remaining tilt-axis angle in degrees.

Even with the east-west or west-east sunrise looking at the

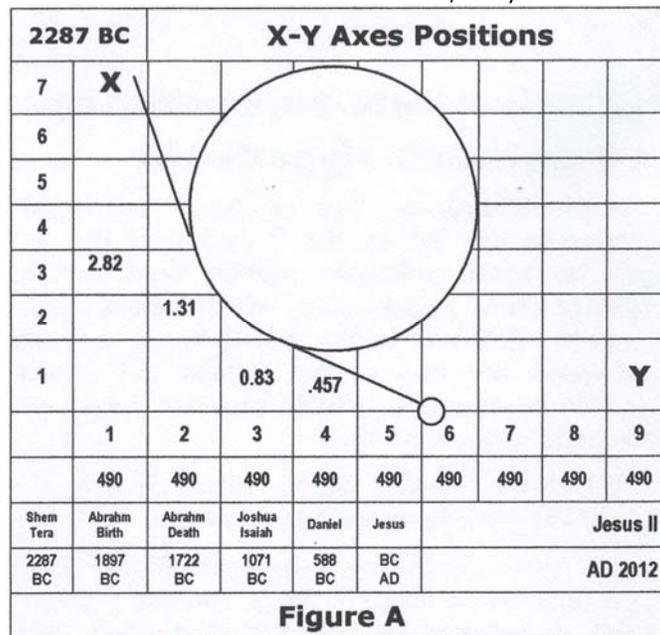


Figure A

⁷ The 59-window dial cranks one cycle of 7×4 squares = 28

⁸ I am not that good in mathematics; therefore I only average each increment. Computer nerds can use an exponential window size getting smaller and matching the velocity of 4.7 Aztec turns as in a smaller circle. The π (pi) factor influences how big the circumference is. Measuring a decreasing diameter on one particular dial position gives us the circumference on the other dial automatically because it is calculated by the ratios built into the 32 gears. Fantastic engineering!

grouped 26 windows position changes as they must be colored or indicated on a small quarter dial hand I noticed located on top of the 48 dial. That would explain the purpose of the little mini-clock dials. Go back and check out the Persian Astrolabe gold clock of 72° on its circumference with each window measuring 1 degree - 10 times more than the Antikythera clock. The Greek geared mechanism is 10 times more sensitive because it appears later in time - towards the end of the last Aztec tilt X-axis wobble when the changes per increment of time were much smaller.

If one counts 99 windows and multiplied it by 0.1° , it gives 9.9° [$99 \times 0.1 = 9.9$]; therefore, the remaining wobble is [$72 - 9.9 =$] 62.1° . Knowing the size of the counter wobble tells how many days/month are missing on the X-axis as measured from solstice to solstice in a 360° circle as converted to the monthly calendar periods indicated on the back of the clock.

There is no sunrise when the pole points directly at the sun. During such an event the earth axis wobble is vertical. Switching over, the 59-dial can tell us how many years would be left until the next cycle starts. This is done by counting the leftover 59-dial windows within the 26 window range. The next projected sunrise is measured on the 48-dial with dark/white windows as my table shows comparing it with the 59-window dial. (Observe the sunrise position.) Connect it with the back 12x2 dial to determine the zodiac month position on one or the other of the 12 sections on the dial.

The Antikythera Mechanism calculates the speed (velocity) of the declining X-axis converted to the rotational (tilt) axis' angular position in degrees on the 59-dial and should therefore be able to project when the wobble will stop. That would mean that the X-axis is still ever so little moving until 21 December 2012. All of the other ancient clocks also end on that date.

In fact, that last one turn of the X-axis is exponentially very large and slow. It is taking over 2,000 years to arrive at the final stop as projected in Figure A. It has been drawn out much longer than I had expected as it approached the horizontal line that was corrected 500 years ago by the Pope Gregory, who added 14 days to it. In this final characteristic, the spin-axis hypothesis also connects with my global warming theory described in the last Babushka book, Genetic Modification Exposed!

That small book describes how global warming is substantiated by using data coming from the Bible, a 5,000-year old history book. Since the universities have mostly thrown the Bible out the window, only wild speculations by confused scientists remain because they cannot figure out accurate answers using research methods based upon the unproved theory of evolution. Evolution is a religion lacking accurate scientific data.

Eyewitness data collected in the Bible can be trusted. When taken together with mystery calendar clocks in museums, we can learn a lot about what our climate was like in the past and will be in the future. Do not ignore my warning of the coming asteroid prophesied by the Aztecs and John in Revelation. Everything is going to change again. This book about the rubber band calendar of the Antikythera Mechanism fits the dual spin-axis hypothesis and will be obsolete after 21 December 2012. I realize that it takes a little time to put it all together in order to understand it fully.

Estimating the Clock's Age

The left dial of 48 windows could determine a range of years for when the clock was built. The second dial has 24 double

windows (total = 48). Each window reflects one Aztec skull, which equals 14.3 years. So $24 \times 4 \times 14.3$ gives 1,372 years for the total range. We can apply this range to the start date of 2287 BC - 1,372 = 915 BC, which closely coincides with the story of Hezekiah. The Bible records that the sun moved ten hours backward [not on the same day]. This took place when both spin-axes crossed over each other, but one was a little faster.

My logic of dating that clock could therefore be off a little and need more time to think it over. Another marker is the cult of sun worship, which had become well established by then, which is another broad indicator of historical periods to use in evaluating calendars and clocks from a dual-rail perspective.

A Closer Look at 48-Window Dial

I made a Greek clock correlation table and compare it with the Aztec stone skull counting method and found them to be identical. That means the Aztecs' knowledge expressed in stone skull time cycles is replicated in the bronze gears of the much more recent Greek Antikythera clock. It is an incredible fit within a day's accuracy.

The Antikythera mechanism indicates fractions beyond Pope Gregory XIII's AD 1582 calendar and totals equal to one negative stone skull correction date, inscribed like 2006, which means that the residual wobble of the axis is still moving ever so slightly effecting climate changes as described previously. Notice minus skulls after BC/AD:

From 2287 BC to AD 2012 = 4,300 years. $4,300/400 = 10.75$ days. This is a .72 skull fraction. [$10.75/14.3 = 0.75$ skull]

Pope Gregory XIII corrected the Julian calendar by 14 days. Add Gregory's 14 days to Julius Caesar's 62 and you get 76 days. Divide that by 14.3, and we get 5.3 skulls difference, since Julius Caesar ($14 + 62 = 76/14.3 = 5.3$). These five skulls divide between BC/AD, four before BC and one after as the table shows in AD 1582 about the time of Pope Gregory XIII.

It is extraordinary that Aztec priests' stone skull cycles match the gears of the Antikythera clock to a day but were invented on the other side of the globe over a thousand years earlier. I independently figured out that the Aztecs invented the pile of stone skulls after the failure of the fifth pyramid to measure an unstable calendar that needed correction about every 15 years.

The Greek clock was made after Hezekiah's time with bronze gears measuring the variance of fraction 14.3 years a little more precise. But over the total range of time, they come together when the Aztec 52,000 cycle crosses over at the 21 December 2012 date to start the 5th quadrant cycle, which is a new one. It needs to be converted to Gregorian years in order to make sense.

The 4th Aztec quadrant chronicle tells of ending in an apocalypse prophesied. You can't miss it if you read about what they painted on palace walls in Mexico City or about many tourist books written about the Mayan culture. From a calendar perspective that is proof that the X-axis to Y-axis relationship hypothesis is valid.

Prophetically matching the Bible and Hebrew Alphabet Number System code is extraordinary and a matter monorail scientists or theologians to sort out for themselves. I only state gears relating the way I found them and put them side-by-side like a dual rail track for a train. It is a more balanced system to check out theories and facts. Mathematics is a good tool to verify a theory.

Using analogies helps to compare and analyze the data with geology and archeology as cross-referenced in the Bible.

Antikythera Clock 48 Window Dial			
96 Windows (Aztec Stone Skulls)	Spin axis X-axis positions	Dark West-East Light East-West	Date Range 2287 - 588 BC 0 - AD 2012
120		Peleg	2287 BC
105			2072 BC
93	2.82	Abraham	1897BC
90			1858 BC
80			1715 BC
78	1.31	Abraham	1685 BC
70			1572 BC
60			1429 BC
60	.998	Moses	1284 BC
50			1286 BC
40			1143 BC
45	.83		1071 BC
30		1072	1000 BC
		Hezekiah	
20			857 BC
10		792	714 BC
0	.457		588 BC
(-1)			571 BC
(-3.2)		Julius Caesar	56 BC
0	.457	Jesus on cross for 3 hours	BC/AD
(-1) skull (14.3 days)		Gregorian calendar	1582
Add 1 day		400 yr/day correction	2012
14.3 = Stone skull range = 1,716 years			

If you go back to the first clock dial, we identified a conversion ratio from Aztec cycles to Gregorian cycles in one-month increments of zodiac cycles. Consequently, two of 6½ turns [equals 12 zodiac fields] of the back dial equal two squares of the second (48-tooth) dial that equals 52 squares (2x26) on the 59 dial. Alternatively, a 6½-field window to one window [48] to 26 windows [59]. So the 48-window dial is the fulcrum in the teeter-totter analogy. The clock still requires some collected data from ancient times, like knowing how many Aztec equivalent skull cycles measured from Jerusalem, which the other side of the world would be recorded on tables⁹ corresponding to the beginnings of the spin axis on 5 February 2287 BC.

Changing solstice-zodiac relationships needed to be tracked, just like we do in science today, adding years from one to the next. One builds on the foundation of another with the help of various kinds of calculators.

⁹ One of the tables may have looked like the three-dial Chinese clock explained in chapter 6 of this book.

Some final adjustment points were engraved on the base plate, indicating a calendar beyond BC, now continued into AD times, which is the zero point for that clock. The clock still connects with precessions of the fixed axis's exponential time curve, shown in the second chapter of my book. AD is therefore a zero date from the clock perspective. It is where the axis stopped moving. We named it to coincide with "the year of the Lord" AD, so I am not surprised to see dates like 1904, 1934, 1974, and 2006, which are negative points for that exponential time curve we call AD.

Dark Hours at Jesus' Crucifixion

Have another look at the Antikythera Clock Table. Notice the position of Jesus' life on that table – BC/AD. There we see another calendar correction shaded dark for three hours long. The clock cycles embedded in the Bible-Hebrew cycles and ancient bronze-gold clocks, are reflected in the four Gospel eyewitness accounts of Jesus' death.

Remember, the sun stood still for an extra day during in Joshua's battle with the Philistines. If the sun prolonged its stay in the skies on one side of the globe, then that would mean an extra long night on the other side of the globe. This "miracle" was really an accentuated correction of the earth's unbalanced spinning. The internal shifting of the earth's heavy core elements is a bit like how the ballast in a boat out of kilter might shift and move toward the original center of gravity. Such shifts within the earth's "ballast" core are followed by earthquakes.

In Jesus' lifetime, we see another earth-spin correction with perfect timing. As the Creator who invented the system, God picked the exact day to die according to many Hebrew prophecies on a day that was also significant in the Aztec and Greek calendars. Notice the table indicates dark cycles that get progressively smaller until the last cycle is only three hours long.

Remember the story in Matthew 27:19 where Pilate's wife warned her Roman Governor husband that Jesus was innocent and to leave him alone. Of course, when business and politics conflicted with a wife's opinion in Roman culture, they always won, and Jesus was crucified. Then it is reported that there was darkness like a black night in the middle of the execution day with a gigantic earthquake following. Dead people visited relatives in the midst of a citywide destruction. Even Pilate's palace was not spared. Imagine his furniture in disarray as parts of the building collapsed all around him and his wife shouting hysterically, "I told you so stay away from this Jewish god-man!"

In the Temple, the high priest was shocked to see the half-inch thick, embroidered carpet-curtain split into two parts to expose the Holy of Holies. Holiest an ancient curtain rented from top to bottom which could get you killed seeing what was hidden. To top off the confusion after the earthquake, rumors spread around like wildfire that the Roman guards slept while guarding Jesus' grave when his body disappeared. They feared execution but could not explain why the body had disappeared. Others were saying, "I talked and ate with Jesus. He is alive, resurrected from the dead and able to walk through walls to surprise his friends."

From the spin-axis perspective, the earthquake is connected with a longer-than-normal lasting sun eclipse reported in India. Taken together, we have a sure sign for an axis correction. This evidence tells me that the axis was still moving ever so slightly. In fact, it continues to do so even right up to our time with a major event to take place in AD 2012 that will also release tectonic stress.

Our modern astrological priesthood is curious about the sun now passing through a new 12th sign every year between November 30 and December 17. The new zodiacal constellation of Ophiuchus, the Serpent Bearer/Holder, has suddenly appeared messing up their standardized tabloid magazine articles. Sagittarius is now the thirteenth sign of the secular year. The appearance of snake wielding Ophiuchus is considered auspicious.

The interpretations vary considerably. Some see it as an omen of healing and enlightenment. Some think it might represent the prophesied return of Christ. You can read more about what the Mayan-Aztecs believed about this date and how it correlates with the Bible in Chapter 2 of **Mystery of Tammuz 17**. At the 2012 winter solstice the earth-sun orientation aligns with the center of our galaxy as Ophiuchus leads into Sagittarius, a constellation which points toward the galactic center through a dark area of the Milky Way. As I have discussed in many places, 21 December 2012 connects with 21 December 2288 BC, which is the date the Flood began that destroyed the ancient world often referred to as Atlantis.

Reviewing Highpoints of a Difficult Concept

If the spin-axis wobble stopped in the first equinox X-axis spin cycle before the Flood of 2288 BC, then we would not have a counter wobble as the sun would be going from east to west. But estimating the asteroid's angle of impact at 35° calculated a date of 5 February 2287 BC. Converted to an X-axis date, it becomes the second equinox of the first of seven spins. At that position, the sun's movement in the sky happened to be reversed, going backwards from west to east.

Like a dependable gyroscope, the momentum from that impact was transferred to continue after the Flood with a counter pendulum wobble of the sun going up from the west to east. The 48-window (4x48) dial on the Antikythera clock could calculate those sun positions as alternating dark to light windows next to each other, the paired 24 windows in one circle four times around. The paired windows were perhaps color-coded, one dark and one light. There is no way to tell now because of corrosion.

If we examine my exponential graph [Figure A in Chapter 3] at 2.0, which was when the Christmas solstice cycle was observed twice in one year of 365 days, then each of the 12 zodiac constellations would rotate 2 times in a year, and each solstice to solstice cycle lasted 180 days. That would mean the days in general appear to be shorter within a half-year cycle. It is analogous to climbing a steep mountain gaining height while sliding backwards half the distance. The phenomena of shorter days eventually becoming longer according to a declining X-axis is indicated on other clocks like the Chinese bronze plates with 8 hrs cycles displayed. This enables their dating by comparing it with the exponential curve in Figure A. At the 2.0 X-axis cycles position the sunrise reversal cycles must be continued to be divided into four quadrant with counting west-east; east-west; west-east; east-west measured from December to December until the X-axis stops at 518 BC.

In some centuries, the earth pendulum wobble would be in the direction of earth's rotation half the time and in opposition to it the other half of the time, gradually declining like a pendulum naturally does. That would screw up any calendar in ancient times, and I feel sorry for the Aztecs trying to measure it. They failed five times in Mexico City eventually came up with a simpler version and fashioned stone skulls, which was a hi-tech idea of a portable calendar that changed every 15 years [14.3] with

a one day correction.

To set the Antikythera clock to a proper sunrise position, we must correct and crank the 59-window dial up to only 26 windows to right or left, depending on your astronomical observations of sunrise-sunset. That transfers a correction to the 48-window dial with one window dark or the other light, depending on whether we moved right or left up to 26 windows on the 59-window dial.

When one of the paired windows was moved, it transferred that information to the back dial to be either read out on the inner or outer circle indicating sunrise-zodiac positions when the sky was not moving (the center of pendulum wobble) in the yearly fashion. These cyclic changes of the zodiac increasing and decreasing with no change in the middle for 93 years required a genius in clock design in order for it to be accurate over the centuries. How would we invent a clock today to track a declining pendulum wobble caused by an asteroid?

After Moses' life, the spin-axis sunrise is west-east, and at Hezekiah's time the last sunrise reversal takes place in an east-to-west direction, which has been frozen until our present time.

Another important consideration is that the ancients predominantly used "prime numbers" in their calendars. The Hebrew Rosetta Stone has prime numbers 7:5 that helped me to date the Apocalypse 2008-2015 converted to Gregorian calendar. All my calendar dates over a 7,000-year range end with a year number of 8, and I asked the question "why"?

The answer lies in clock design of eight as expressed¹⁰ in crossover $7+1 = 8$. Hebrew Alphabet Number System prime numbers are difficult in mathematics especially calendars. Think of our 7-day week 52 times in a year. The Aztec had 7 spins times 52 days in a year which looks to me reversed from our 52 weeks of 7-day cycles. A preFlood 7-spin North Pole projection needs two 7-cycles to point to the sun with a North Pole as one 7-cycle points the sun to the South Pole as measured solstice to solstice.

Looking at other pyramids and counting 99 steps up the accenting steps on all four sides to the top. Why are they short one step to make it a round number 100 on each side?

Counting seven crossovers on clocks, we must add one maybe the answer of their accounting system. Transferring that idea, maybe the Antikythera clock gear ratio reflects that. Look at my Figure A exponential curve again in Chapter 3. You will find that the ratio points on the graph behave like $1 : \frac{1}{2} : \frac{1}{4}$, and when we look at the next gear ratio, we see the same numbers if we add one to the prime numbers:

$$(257+1), (127+1), (64),$$

$$128 + 128 (\text{double}) = 256$$

$$64 + 64 (\text{double}) = 128$$

$$\text{Like, } 1 : \frac{1}{2} : \frac{1}{4}$$

When we examine the gear ratios and splice out the 48/24 gear, we can readily see the other gear ratios behaving like the numbers on my exponential graph Fig.A for Abrahams-Moses-Jesus time frame with the X-axis spin exponential declining.

The Antikythera clock gear system is not like our clock

¹⁰ **Mystery of Tammuz 17**, www.apocalypse2008-2015.com

giving time equally in hour per hour increments but here monthly progressions are exponential becoming smaller in time until the earth wobble stopped. It is an amazing clock system to adjust exponentially.

$$1 - \frac{1}{2} - \frac{1}{4}$$

2.0 : 1.0 : .457 [Figure A]

$$(257/19 - 127/32 - 64/38).$$

Totaled by multiplying and dividing, we get a number 180.82. That means a range of 180 days or half a year cycle of 360 days plus fraction for a double spin in one Gregorian year.

That 180-day X-axis wobble is shown on the 48-window dial which has four dial circles but must be divided into two ($48/24 = 2$) [dark or light window related to +/- 26] as it will disappear eventually as the Y-axis grows. The clock's 48-gears show the analogy of the teeter-totter. (See previous 48-Gear Teeter-Totter diagram.)

Let's recap. On the 59-tooth dial, we only move +/- 26 windows at any given time right or left during any century, which moves the 48-tooth dial one window right or left to indicate where the sun goes up. That connects directly with the 12 double dial. The outer 12-zodiac circle is used when you crank the 26 windows left. If cranked to the right side, it becomes the inner circle of 12 zodiac positions to differentiate the direction of monthly progression. When you connect the 59 dial to the 12 dial moving up to 26 windows, it is like changing the center of the teeter-totter.

The range ($59 \times 4 = 236$) windows equals $\frac{1}{2}$ a skull or 7.15 years or 1,687.4 years ($236 \times 7.15 = 1,687.4$), which is two stone skulls short ($1,716 - 1,687.4 = 28.6/14.3 = 2$). Or we can say the 240 windows ($4 \times 59 + 4$) are really only 120 windows in parallel as we chose one or the other depending sunrise in a clock system and that makes the one window equal 14.3 years like the Aztec skull 14.3 years. What a coincidence.

The teeter-totter (48-dial) range has 96 incremental positions within the 48 window dial ($48 \times 4 = 192/2 = 96$), which has 96 left over X-axis wobble days spread over 1,373 years ($96 \times 14.3 = 1,373$) as the 96 days overlay with the Aztec stone skulls, too. From 2287 BC to 588 BC we have 120 skulls in increments of **14.3** years for one day of X-axis change ($2288 \text{ BC} - 588 \text{ BC} = 1,716/120 = \mathbf{14.3}$). But the 96 windows of X-axis changes represent 1,373 years or (equal to 24 stone skulls [$120 - 24 = 96$]). [$X = 1,716 \times 96/120 = 1,373$]

If we divide 96 into 1,373, we get **14.3**, which is the same as the Aztec skull count that proves that the Antikythera clock works like an Aztec clock but on the other side of the globe. Added to the time scale ending in 588 BC, we have an Antikythera clock range from 1961 BC to 588 BC ($588 \text{ BC} + 1,373 = 1961 \text{ BC}$), which aligns with Tera - the ninth after Noah. He had his first son at 70, who was Abraham 1897 BC as recorded in Genesis. The Aztec clock description in previous chapter we figured out a 14.3-year average, which is the same for the Antikythera clock system, which proves that they are related. The Greek bronze gears are more accurate than the stone skull system and only make a few years difference (2 skulls = 28.6 years) after several thousand years. Both systems prove the spin-axis hypothesis.

How did the ancient's measure changing monthly cycles caused by a backwards pendulum wobble?

Having an Antikythera clock is not enough. Other tools are required. The changing sky must still be tracked from a certain point on earth. I imagine they used the tops of pyramids, obelisks or totem poles connected with tables where records were kept to track reference points on the

horizon during certain centuries.

Eventually the horizon was divided into 12 zodiac constellations to indicate monthly progressions of yearly shift observed across a totem pole while cranking the 26 window (59 dial) for alignment correction. As the X-axis was getting smaller one day for every 15 years, the priests had to observe where the sun came up and adjust the 26 window either right or left. The sun eventually reversed in a certain century, and then the 26 window on the 59 dial changed directions, too.

A simple table with 96 windows would show when the 26-window crank (59 dial) needs to be moved $\frac{1}{2}$ Aztec cycle (26-windows) corresponding to the X-axis change. The original Aztec quadrant theory is carried forward in time and that may be the reason we find Jesus' genealogy divided up according to Aztec calendar cycles as reported in Matthew's gospel, probably collected from temple records before its destruction in AD 70. I am not surprised to find it in ancient clocks. The spin-axis is the only hypothesis which makes sense to describe ancient calculators.

How Does the Antikythera Clock Work?

1. From 2286 BC-518 BC notice on earth where the sun will rise. East-west; or west-east which will determine the outside or inside zodiac circle on the back dial of the Antikythera clock?
2. Adjust up to 26 windows on the dial 59 right or left to the 10 o'clock markings of the back dial to determine the outer or inner clock face of the back dial analogue to the teeter-totter principle.
3. Identify the year on the table and expect less than 12 month in a year between solstice and solstice, like 10 month before Julius Cesar. When solstice (21 December) to solstice is short by 2 month or two zodiacs for example, crank the 59 dials and count the windows. This will indicate the X-axis left over time to count the difference of 365.24 days and stop at the calibration mark to start the next year. Every 15 (14.3) years, one day was added to the Y-axis calendar. If you still have difficulties with understanding my proposal, read again my ball-resolver instrument of three axes. It is a perfect model to explain the Antikythera clock.

Moon-Cycle Hypothesis

The clock from Antikythera reveals a gear ratio that can be identified as an astronomical ratio of 13.368267. If you want to find out more about recent opinions, go to the Internet and search for that number. Some scientists examining this ratio today have stated that they were surprised that the ancients knew about that and that they were only off by .000015.

This remark from an educated person of today is typical of our modern biases. Scholars too readily look down on ancient cultures as inferior and primitive, meaning less educated. This arrogance is expressed everywhere from denying the importance of the Bible as a reliable historical and scientific source of information to the irrational embrace of the evolution fairy tale.

There are always hidden facts that could result in a different outlook, but as a successful inventor of many products, I have concluded that it is relatively easy to be smart today. We have many tools for data gathering available to us that the ancients did not have. I marvel at how they fixed a problem with so little hi-tech information available.

To design a clock that can project forward and backwards in time despite a unwinding system of three spin-axes changing from year to year required genius level thinking.

64	X	48	X	127	X	257	=	13.368421
38		24		32		19		

For me, the slight variance of the 13.368267 ratio is a scientific opportunity to reason out why that ratio is different. Could it be connected with the asteroid impact, which could change the relationship between the earth and moon that is associated with gravitational forces on the earth? Using data from historical events, we can discover mathematical facts to make an equation. This can tell us if the moon was affected by an asteroid impact or if the moon had a different orbital path as well as whether some of the asteroid fragments reached the moon.

Since the moon faces the earth, the earth partly shields it from incoming asteroids, but it has many craters. The other side also shows many impact craters, as photographed by NASA. That makes me conclude there was an historical interference on the moon cycle.

If we now have a different ratio and if the ancient designer of a clock system purposely calculated another ratio that would indicate to me that the earth-moon orbital relationship was different in antiquity instead of thinking that the ratio variance is not due to their inferior information. We can estimate when the clock was built; therefore, we can project it on a dating axis from AD 2012 back in time to end in 2287 BC, which is 4,300 years.

Creating a graphic table revealed to me a bigger ratio in Noah's time, which indicates that the moon's orbit must have changed or been influenced by the asteroid impact on earth. If we do see a change from 2012 to about 100 BC, which is 2,112 years, then 4,300 years is about twice the years. This shows twice a changing ratio.

I wish NASA scientists would help me out with this. I need a spin-axis wobble video that portrays the change in relationship to the moon's gravitational influence. I am not educated in astrophysics. I only mention this to provide another look at what goes on.

I will sum it up. With changing spin-axis phenomena, the moon would react to it as it does today, as seen in tidal cycles. If NASA engineers could make a computer model, it would be interesting to observe the physical laws acting to change an earth-moon relationship. That would add to man's knowledge and give us a better understanding of the Bible and what ancient people produced with limited tools available to them.

Closing Thoughts

After the Flood, God judged mortals and confused a common human language into many languages, which slowed down humanity's technological and political advancement. Worldwide judgment is coming in our lifetime just as it did to Noah's generation. Just as the pre-Flood scientists misused their advance technology to pervert the genetic make-up of the creation, so have too many of our modern corporate scientists greedily modified nature's genetic library without realizing, or perhaps caring, the full impact of their work. We already see the spreading consequences in our environment. I observe vast destruction in the genetic modification of our food supply. It may even make the natural foods extinct for the next generation by inserting terminator genes in original seed.

Our ignorant scientists will soon learn that God's wrath is kindled to destroy their work of polluting his earth. He originally put us in charge to nurture and take care of our home. Instead, we use our knowledge to destroy humankind and our natural environment. As guest on his earth, we make it uninhabitable by chemical and radioactive pollution and by genetically modifying plants and animals.

Therefore, this generation is the most evil one this planet has experienced since Noah's time. Just as God had to destroy that

Astronomical Ratio								
?								13.368580
			o					13.368421
							o	13.368267
2287	1000	500	100	BC/AD	500	1000	2012	

pre-Flood civilization to save his creation, so He will do it again. I hope God will soon intervene to save his creation for a second time and not give Satan the opportunity to rejoice that he managed to permanently destroy this planet and prevent the prophesied 1,000 years of peace and prosperity predicted by many prophets to arrive after 2015.

I believe the dating of the Apocalypse is certain. God is big enough to preserve His earth. He will terminate our civilization's destructive

behavior again as He did to the Atlantis civilization that totally disappeared without a trace. This time God will not use water but another method, yet one that includes another asteroid strike that will set off the greatest chain reaction of earthquakes the world has ever seen. Many ancient oracles, such as Aztec-Mayan legends, predict a firestorm similar to what Bible prophecy predicts. If you have never heard anything like this, then you had better get busy and do some important reading.

I mean the Bible most of all, but my books are available to read free on the Internet. (You can order printed editions online or through your local bookstore.) Revelation clearly announces another asteroid impact that will hit the earth at the seventh trumpet blast, ending the apocalypse.

I have read science magazines about a 52 km diameter asteroid already on its way to earth impact. It is in 825-day orbit around the sun to rendezvous with earth before 2020. As a scientist, I give you warnings, anticipating the climax of the apocalypse in 2012, which I discovered in the Aztec-Chinese-Hebrew clock cycles. It is God's final solution for an evil generation gone amok in the totally wrong direction. Watching daily News coverage, I conclude that our political

and environmental problems have mushroomed beyond human governments' capacity to fix it.¹¹

In closing this chapter of the Antikythera clock, I am overwhelmed by continually finding more evidence for the spin-axis hypothesis and for the coming apocalypse. The mystery clocks I selected are just a few of the many stored in museums. The need for more investigation and research is great. I don't care if my books get thrown into the waste basket to be replaced by better ones that explain these topics more professionally.

I remember as an inventor the first disk drive I designed. It needed a forklift to move it. Now look at your handheld and laptop computers. I marvel how well they work being so small. If you could have seen the first disk drive I built, it was a big and heavy dinosaur. I still laugh at that attempt; it looked so ugly.

So my hope is that some bright young person would design a computer generated scenario of the spin-axis wobble pendulum. Even if the future date is wrong, it could start somebody's thinking machine, and then we could have a new breakthrough like Galileo needed another scientist to come to his rescue.

Let's continue on this trail of discovery about the Bible and the mysteries of antiquity. In coming chapters, I describe early man from Noah's time from Iraq/Iran formally Babylon to end up eventually in Mexico. A much different story not found in books stores. Along that journey we will find a number of mysteries Bible events theologian have no answers to explain it which are in conflict with their dogma they invented.

Now you have heard an unusual perspective, tied together with a spin-axis hypothesis. You be the judge and prove this clockmaker wrong. I think this is a better story than what we can read on the Internet because scientists are no longer familiar with the Bible, which comes from ancient times. Rejecting Bible data makes you an unbalanced monorail authority. That goes for most religious people too.

I learned from life that we must look at the cosmos from two perspectives: material-spiritual, historical-prophetic, Old Testament-New Testament, Hebrew-Christianity, mortal-eternal life. We exist in this North-South polarity, like a DNA strand is dual. Our lives are analogous to a butterfly created in two stages: caterpillar and butterfly. The caterpillar is our present cycle of time dimension. It ends, according to the Bible, in a cocoon. The butterfly stage, after death, is designed for a totally different dimension, like flying thousands of galaxies light years away with a resurrected spiritual body. It is impossible for a caterpillar to imagine what the Bible defines as eternal life.

How did I learn of the butterfly cycle for mortals when no one has come back from the dead? Because there is "One" who came back from the dead, Jesus. He proclaimed that only through Him we will know the other side, which is eternal life acquired without cost. Repenting, accepting in obedience a road map to attain eternal life, makes you eligible in the next life cycle as a butterfly.

Jesus is well worth knowing. Through Him, you will discover another 7,000-year cycle of human history. It can answer your questions about why we are here on this planet and what your future will be, questions you may have had since childhood. We must all live through our caterpillar life,

which is followed by the second stage, like gears mesh in a clock. Everything has purpose. Providence gave us an intelligent mind¹² to understand available information. It would be a shame to end your life ignorant, with no hope of being born with beautiful butterfly wings.

Some scientists said recently that the earth is on the edge of the Milky Way, being tugged underneath a huge galaxy. It is the absolutely best place to be positioned to observe the universe. Any other place would obstruct our view. This position has made clocks possible. Life without clocks is unthinkable. Similarly, the universe without a Designer is like Yin without the Yang. It is impossible.

Humanity is moving toward extinction in this generation. We change the genetics of every food-bearing seed. We fish the oceans until no more life can flourish. We genetically modify our domestic animals, and build bigger weapons of mass destruction with deadlier chemical-biological poison. Everywhere I look, we face terrible evils perpetrated by godless scientists, corrupt politicians, and spineless theologians who should know better. I am glad God has announced, "Time's Up." He comes to save his planet.

I just discovered the twelve-o'clock position on God's clock:

2008-2015

Daniel's Calendar and the Aztec-Antikythera Clock of 14.3 Skull-Years

Previously I stated that the Aztec skull counting method matches the Antikythera clock window size of **14.3** years for one skull or 2 windows on the 48-window middle dial. This can be verified from Daniel's prophetic perspective. In the first Babushka book of **Apocalypse Prophesied**, I describe a newly discovered calendar system from the Hebrew Bible. I refer to it as a 7,000-year cuckoo clock because it has dates imbedded in it like 21 December 2012, which correlates to the cuckoo clock's 12 o'clock position.

As a curious inventor who was always in the habit of turning over stones since my youth, I asked the question why light coming from space in the visible spectrum of seven rainbow colors has imbedded hidden spectral lines. Then it occurred to me (as a Bible student) that human history also has spectral lines hidden in it in the form of biblical cycles where the Heh (Spiritual) dimension intersects the visible Daleth (this world, in this time) dimension. Like in physics, these historical spectral lines may be graphically expressed in a clock calendar.

My 7,000-year cuckoo clock diagram reflects a biblical Rosetta Stone mathematical ratio of 7:5. The 7,000 "year-cycles" of human history are divided into 12 Hebrew clock cycles of 490 years each. This approach is similar to what is shown on two dials of the Aztec clock that I discovered four years later. One Aztec dial expresses a prophetic calendar system for Satan's experience while the other depicts the human experience or history. Visiting Mexico various times brought more information to light from the Aztec rail in which the history of a Great Serpent in the Aztec religion matches that of the biblical Satan as explained in my previous books.

Applying the Hebrew Alphabet Number System to Bible prophecies of Daniel and the Apostle John (the book of Revelation), I established a 7,000-year timetable corrected to our Gregorian calendar. The Bible and Aztec temple pictures clearly state two polarities: one is God and the

¹¹ Does Genetic Engineering Have God's Endorsements? By Greg Ciola. March 28,2007, NewsWithViews.com

¹² Sorry, we use only 5% in our lifetime, which is not God's fault.

other the Great Serpent, or Satan, who was originally positioned right under God in the hierarchy of the divine kingdom/dimension. Satan rebelled and lost his job, an event that can now be dated to 4488 BC with the Aztec calendar-clock. Such unheard of dating can be checked if we consider the parallel Bible and Aztec religious history calendars like the parallel Fahrenheit and Centigrade temperature scales come together at minus 40°. The linking match point of the Hebrew and Aztec prophetic-historic calendar systems is 21 December 2012. Satan's rebellion against God mentioned in the Bible caused humanity great loss just 6 cycles of 70 years later in 4068 BC as recorded in the ancient literature and calendar clocks of several other cultures.

To shed some more light of different clocks merging with identical dates, we should get informed about the reasons and principles that underlie God's plan for humankind as built into the various ages of material time and space as marked and measured by the universal clock-calendar determined by the movements of the earth, planets and stars through space-time. At the dawn of history, an emergency occurred in the universe that led God to reprogram an alternative agenda in order to restore orderly function to the heavenly government after Satan's rebellion. He purged his government and removed the archangel of light - Lucifer, now renamed Satan, together with his rebellions legions of angels now referred to as fallen angels or demons.

Afterwards, God introduced a replacement plan centered on the creation and redemption of human beings called Saints. To accomplish his reengineered program, God created the dimension of time and space into which he placed Adam and Eve. Human beings experience a two-stage system of existence. Having experienced the rebellion in the highest administration by trusted angels of light, God decided to replace them with a future administration that would never rebel against him. He devised a plan similar to a butterfly's lifecycle, which goes through a two-stage system of biological form. The present material reality of human life is like a butterfly's caterpillar stage. In the present age, humans are tested and immunized with evil from our exposure to that expert of rebellion, Satan, which was introduced and identified to man in the Garden of Eden. Looking at the world today, we must conclude that Satan has succeeded in teaching people all of the tricks of evil lying and cheating.

But this process is balanced like a two-rail railroad track concept that introduced contrasting examples and principles of goodness, which is able to hold a society or government together like glue. God reveals in his oracles that he is Love. Ultimately, he defined what love is to man with the AD 33 crucifixion of himself as the Son. Faith in this proof would thereafter provide an example to the Saints so that they could weather out potential troubles when time dimension no longer would exist.

At the end of time, a commencement date was announced. The Apocalypse will come to test humanity, and the Saints will graduate from the Good-Evil school in the resurrection to a butterfly stage. This will also result in a final judgment for Satan, the teacher of evil, and his helpers. They will no longer be needed to test humanity and so will lose their jobs and be punished for their crimes against the Creator and humanity. Those mortals who reject God and rebel against his ways (divine laws of how to live) will also be judged and punished by fire.

Subsequently, God reveals the dates of the coming Apocalypse judgment for a world gone out of control with war and destruction. The Apocalypse is followed by the

birthday of the Saints. The early calendar-clocks of humanity were thrown off by an asteroid strike in 2287 BC. The mysteries of those calendars strange structure have now been explained by the discoveries and hypotheses presented in my five Babushka books. That took some time to figure out as the comparisons between the pyramids and sand, water or metal computer clocks should prove. Now we have a corrected Gregorian calendar calibrated by computers to the microsecond that can project when school time will be over for the Saints at the hour of their birth into God's Kingdom.

7,000-Year Table of Human History						
God's Plan for Humanity						
Heh Dimension 4488BC (Aztec - Satan rebelled)			Waw	Daleth Dimension Seven Creation Shanah cycles		
1	4018 BC	490 years		World Cuckoo Clock Zayin (6,000 years) 490 year cycles of 360 days	4068 BC Adam created 64-year gear	
2	3528 BC	490 years	1		4004 BC Adam & Eve expelled from the garden	1,715 year gears
3	3038 BC	490 years	2			
4	2548 BC	490 years	3			
5	2058 BC	490 years	4		2288 BC Noah's Flood Destruction of First Civilization	
6	1568 BC	490 years	5			1,715 year gears
7	1078 BC	490 years	6		1004 BC 1 st Temple	
588 BC (70-year gear)			7		9 Av 588 1 st Temple destroyed 9 Av 536 2 nd Temple built	
8	518 BC	490 years	518 BC Center of History			
9	28 BC	490 years	8		End of Babylonian Exile	
10	AD 498	490 years	9		Jesus Christ 1 BC - AD 33 9 Av AD 70 2 nd Temple destroyed	
11	988	490 years	10			
12	1478	490 years	11			
13	1968 (50-year gear) Apocalypse in Heaven?		12	1967 Jerusalem liberated. End of Gentile occupation		
10+4	2018 1,000 year gear Millennial Kingdom of God Jesus Christ as King of Kings		Cheth	13	2008-2015 9 Av 3 rd Temple built 9 Av 3 rd Temple destroyed	
10+5	AD 3018 New Earth - New Heaven Heb Dimension		Jod + Heh	9 Av 2018 New 4 th Temple built Fulfillment of God's promises to Abraham for Israel & Nations		
			AD 3018 End of Time Daleth Dimension			

Let's do the math from Daniel's time to discover how his clock cycle calendar was intended for modern peoples living in the last days. These discoveries permit us to check out future dates accurately for the first time in history. The Bible records that an angel came to Daniel and announced a set of prophecies that mentioned 69 weeks embedded in 70 weeks. Later, Daniel writes of a "time, times, and half a time" to reach the very end. The question is how to connect week cycles to the "times" scale that can be divided into weeks.

Four years ago while I was writing the second Babushka book, **Mystery of Tammuz 17**, I discovered the Hebrew Alphabet Number System and came up with AD 3018 for the end of time as we know it in the 7,000-Year Table of Human History. Daniel's mystery dating should relate to the clock gears from other cultures and identify what kind of calendar the angel in Daniel's time must have used.

According to the angel's prophesied 69 weeks, it is

connected with an "anointed" one who will be "cut off." Looking back in history, we can identify this prophesied person with Jesus, who was crucified in AD 33. But there is another "anointed" one, which could be overlaid in a second, mirror-image prophecy applying to Satan to take place about AD 3018. Duality in prophecy appears again and again due to the parallel material-spiritual dimensions (Daleth-Heh), which is also seen in the telescoping of Bible prophecies with near and far visions of fulfillment. The angel connected the 69 weeks with another period "time+times+1/2 time" a different calendar cycle with a second date for the total scale, which correlates with the human race ending with the Second Resurrection to the White Throne Judgment for the people who did not qualify as Saints.

Now let's do the math on how it works out as I believe that Daniel was familiar with the angel's calendar system. Looking back historically at various clock cycles like the 52 weeks found in Aztec and our present annual cycles, we could assume that "time" could mean "one time" around the sun or 52 weeks (52x7 = 364 days); therefore, [time]+[2 times]+[1/2 time] is 182 weeks (52+104+26 = 182). Now we add the 69 weeks from the first period and we get 251 weeks (182+69 = 251) for the total range the angel prophesied.

But these are Daniel's calendar weeks from his clock not ours. When we take AD 3018, which is 3017 ending the total range of time for mankind found in the 7,000-Year Table of Human History, we can calculate from the Hebrew cycles and go back to Daniel's method of counting. He lived near the time of the destruction of the Temple [588 BC to 572 BC], which coincides with the end of the 120 Aztec skulls (2287-1715 = 572). We get 3,589.3 years difference (3017+572.3 BC = 3,589.3).

Daniel's Rosetta Stone 7:5 Chronology					
Zayin Age 5,993 years		Cheth Age 7 years		Teth Age 1,000 years	
Time + Times + 1/2 Time = 3,500 Years <small>*(Gears not corrected for Babylonian-Gregorian Calendar)</small>					
Daniel's 70 Weeks Prophecy			in 7-base (Daleth) Dimension		
7 weeks	62 weeks	1 week	Floating 70 th Week > cuckoo! >		2008 - 2015
Gear 64	Gear 483	Gear 7	Gear 4 x 483	Gear 50	Gear 2 x 483*
518 BC	453 BC	454 BC	28 AD	29 AD	36 AD
			37 AD	1967 AD	1968 AD
				2017 AD	2018 AD
					3018 AD
7 x 7 = 49 weeks counting to Jubilee				50 th Week Jubilee	20 weeks Millennium
Daniel's 70 Weeks Prophecy in the 5-base (Heh) Dimension					

If we divide 3,589.3 into 251 weeks we get the size of one Daniel calendar week converted into Gregorian calendar (3589.3/251 = 14.3). The result is **14.3** years, which is identical to the Aztec-Antikythera clock cycle needed to correct an earth axis wobble still applicable in Daniel's time. Remember, it had nearly stopped its wobble in 518 BC. You can check out the clock system by comparing the information presented in the various chapters of this book.

This new set of discoveries about how Daniel's prophecy calendar is converted to the Gregorian calendar by using the 14.3 Aztec skull cycles once again confirms my previous Hebrew Calendar predictions, which therefore make my dating the Apocalypse correct. Chapter 9 of **Mystery of Tammuz 17** gives 12 other proofs or "coincidences" of precise correlation of independently determined calculations.

From 2287 BC to AD 3017 inclusive, there are 371 Aztec skulls or Antikythera windows of 14.3-week cycles (120+251 = 371). Going back 70 weeks of 14.3-year cycles (70x14.3 = 1,001) from 3017 according Daniel mentioning 70 weeks we get to AD 2016 (3017-1,001 = 2016) for a prophesied event to be cutoff, as nine days further ends in the Apocalypse 21-22 December 2015 matching Daniel's prophecy since the Gregorian calendar corrects by one day in every 400 years (3589.3/400 = 9 days) using the Gregorian calendar. Fractions measured over thousands of years may make some days of difference. So deducting from 1 January 2016 minus 9 days get us to the 22 December 2015 solstice smack in the center of the projected end of the Apocalypse with Satan chained as lone inmate imprisoned to be executed next day.

In God's presence, one day is as a thousand years for mortals, so we will see Satan executed right on time according to our sense of clock cycles. From 70 to 69 is one week left over, as one week is (**14.3**) cycles and measured from AD 3017 would come to the execution day being "cut off" for Satan, which is AD 3002 being judged at the White Throne like mankind with a black hole galaxies nearby, which correspond to a lake of burning fire (3017-14.3 = 3002.7).

Compare the date 4488 BC when Satan lost his job in heaven's administration and is now executed for his crime 7.07 days later using God's thousand-year-for-a-day cycle. If you want to compare it with our previous 7,000-year calendar, you will notice that an extra 490-year Hebrew clock cycle is added for Satan to the human cycle, which is expanded from 12 to 13 Hebrew 490-year cycles to exactly within one day. What a calendar coincidence! I am no longer perplexed to witness such "coincidences" repeatedly (AD 3002 + 4488 BC = 7,490 years = 7,000+490). Furthermore, this scenario matches the ancient Aztec clock calendar mention of a serpent coming from heaven found at the bottom of the Mexico City pyramid. There are 13 cycles for the base of the now deciphered 20-ton Aztec stone clock.

One more philosophical point came up. What the **14.3** cycle has imbedded in it seems to grow. It developed from the Aztec clock connected to the serpent. It is his clock and like a cuckoo clock has cycles imbedded of God's planning. I often wondered why Satan is in heaven and messes around on earth on two dimensions - both Heh-Daleth. In heaven, the Bible tells us he accuses the saints when they sin, being misled by his wiles. He brags to God about how successful he is. I explained earlier that a person is both spiritual and physical. In my books, I use the analogy of standing in front of a mirror and seeing only a reflection of the true, absolute reality in heaven. This is a difficult concept to understand because it is the reverse that appears true to us. But we have God's breath in us - an invisible counterpart in us that belongs to the Heh dimension and is already there. Eternal life in us comes on dual rails as a system, and Satan reflect that reality just reverse from us.

It is like sitting in a Pullman wagon looking out the window of a California train. Both as created beings are seated in the same train (time dimension) as Satan sees the ocean and knows what is beyond as we look out the other window more interesting for us - mountains, farms and communities. Satan's rebellion and his removal date were revealed in the Aztec clock. The embedded cycles 14.3 mapped out his purpose to be a teacher for six days in God's school to teach the consequences of his rebellion to people. He can only influence us through his place in heaven because the control room for our behavior is in heaven, the spiritual side or other rail of our existence.

When we sin, the consequences happen first on the Heh

side of existence where our deeds are recorded in spiritual books that will be opened on the last judgment day. After that, the physical side is then affected and the consequences show up on the Daleth side. The Bible shows Satan in heaven because that is where the control room of our being is. He is there to tempt us. When his job of six days work is terminated, the next day he is executed for his crime of rebelling against the Creator.

Rebellious mankind will follow the same way only with shorter cycles. God lets Satan see for one day (a thousand human years) how well people can live under God's laws and administration even though they possess a nature inclined to sin. So Satan's clock will only show five (Heh) dates on the Daleth Aztec clock:

1. His rebellion 4488 BC,
2. His removal from the control room for mortals,
3. Cast to earth 21 December 2012,
4. Sentenced to die 17 September 2015 and thrown in the under-world prison for one day (2018-3018) of the Kingdom of God he desperately tried to prevent.
5. Executed and tossed into the black hole of a galaxy in AD 3002 according to the Aztec clock.

Check out the cup of coffee analogy in **Apocalypse Prophesied**, the first Babushka book, chapter 7 where Daniel's week was overlaid with a seven-year Hebrew base perspective. Or, you can view it like a thermometer with a dual scale division that comes together at minus 40°, which corresponds to AD 2012 in the clock systems.

Checking out ancient clocks establishes a corrected Gregorian calendar that makes dating the Apocalypse possible. The weeks in a spin-axis wobble will change and come eventually to rest at 23½° tilt axis and reflect an exponential mathematical relationship that is not linear; therefore, we must look at ancient calendar clocks to be accurate. If you attempt to project a future date, you must understand the worldwide calendar system. How else can God prove that he loves you even giving us understanding about clocks in the time dimension that mortals wrestle with?

