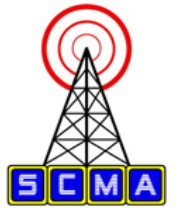




SOUTHERN CALIFORNIA MONITORING ASSOCIATION



"In God We Trust – All Others We Monitor"

Volume 24

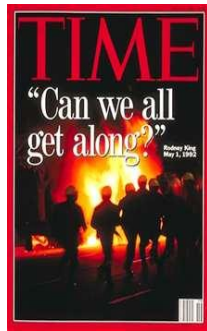
Issue 3

April / May 2012

Editor: Rick DiFiore, LA-101

ARE YOU READY FOR 2012

Do you know what's going on around you. Is your community coming apart...Police and Military training together, monitor the action!



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Police and Military Training Together



THE MONITORING POST

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ABOUT THE S.C.M.A.

From: *Rick Di Fiore, LA-101 / WA6KFI*

The Southern California Monitoring Association goes back to the days of the Radio Communications Monitoring Association (RCMA) which use to meet in Anaheim at Lincoln Savings & Loans building. Many well known people ran RCMA such as: E.J. Short, Bob Leef, Danny McLean, Carol Ruth, John Clark, Wayne Smith, Rick Di Fiore, Hugh Stegman, and Eric Christensen just to name a few of us that ran the largest scanner club in the world! That's right, I said the world...RCMA was International with a monthly scanner news magazine that covered everything from aircraft to shortwave. In 1988 Rick and Hugh formed the first RCMA Chapter! RCMA West Los Angeles Chapter followed by three other chapters: RCMA Wisconsin, RCMA for DC, MD, Northern VA and Lower DE., RCMA Minneapolis – St. Paul Area. Back in late 1996 RCMA fell on hard times, two major book stores did not pay their bills and so the club newsletter could not be printed and there was no funds for the management of it! The end of RCMA was the birth of SCMA by Rick Di Fiore and Hugh Stegman and a hand full of others who where big time in to scanning in Los Angeles so with that the Southern California Monitoring Association born. Today SCMA is the largest scanner organization in the United States, we average anywhere from 60 to 80 members and from: Imperial, Kern, Los Angeles, Orange, Riverside, San Bernardino, San Diego, Santa Barbara and Ventura counties.

SCMA as grown into a very active organization with monthly meetings, guest speakers, newsletters and even club tours for are membership of public safety communications facilities. When you become a member of SCMA you really get your monies worth! There are two ways to become a member...one is our regular membership at only \$20.00 a year or you may go lifetime at \$150.00. So join all of us at are next monthly meeting and see what we are all about! As we say..."Just because you have a scanner, you don't know everything – but SCMA members do!" It takes more then a website to get information...it takes a group.

Next Meeting...June 13th, 2012 – Grinder's Restaurant in Westchester.



SCMA CLUB NEWS

From: *Rick Di Fiore, LA-101*

Hello Everyone,

Wow, It seems like the year is going by fast! At our last club meeting (May 9th, 2012) we had a good friend stop by and join us "Eric Christensen" manager of HRO, Burbank. Eric showed up with a lot of new radios, store catalogs and some Yaesu ball caps. Eric talked about each of the new handheld radios and everyone had a chance to look at them as well. At this last meeting we filled every seat (30 members & guest) we all had a great time. At this time we have serveal tours in the making: LAPD ASTRO Division, LAFD *NEW* Communications Center, Culver City Police Department, Burbank Fire Department and Verdugo Fire Communications Center. Remember that it takes a while to hear back about the tours, because the good people who set-up the tours work for a living! So, soon as I at news, I will let the rest of you known! Well that's it for now and I hope will see everyone at the next meeting on June 13th, 2012 at 5:30pm if your planning on some dinner other wise 7:30 pm club business. Don't forget to check out the clubs website, Rich, LA-104 has been up-dating it with some great stuff!



ClipartOf.com/12128

GRINDERS RESTAURANT

8521 S. Sepulveda Boulevard, Westchester, CA.
(corner of Manchester and Sepulevda)

S.C.M.A. monthly meetings are on the 2nd Wednesday of the month!

Come and join us for some fun and get more out of scanning today with all of us. See and hear what you have been missing out on all these years! Dinner and talk from 5:30 pm to 7:30 pm official meeting starts at 7:30 pm, until about 9:00 pm and don't forget our club raffle. More information: www.socalscanner.com





FCC Requests Comments on 11 Narrowbanding Waiver Request

The FCC requested comment on 11 requests for waiver of the Jan. 1, 2013, VHF and UHF narrowbanding deadline, which requires private land mobile radio licensees in the 150 – 174 MHz and 450 – 470 MHz bands to operate using channel bandwidth of no more than 12.5 kilohertz or equivalent efficiency by the deadline. The following entities requested waivers: Dane County, Wis.; Pima County, Ariz.; Northumberland, Bucks, Berks and Indiana counties in Pennsylvania; DeKalb County School District in Georgia; Pierce County, Wash.; St. John's County, Fla.; Onslow County, N.C.; and the state of Oregon. "In particular, we seek comment from parties whose UHF/VHF operations could be impacted by grant of a waiver to any of the above-referenced parties," the FCC said. Comments are due May 24, and reply comments are due June 1.

Railroads PTC Equipment Regulations Changed

Transportation Secretary Ray LaHood announced changes to regulations governing the installation of positive train control (PTC) equipment that will give railroads additional flexibility, save money and maintain a high level of safety. PTC is a system of integrated technologies capable of preventing collisions, over-speed derailments and unintended train movements. Under the revisions, railroads will no longer have to conduct risk analyses to obtain approval to not install PTC or take other costly risk mitigation measures on an estimated 10,000 miles of track that will not carry passenger trains or poison inhalation hazard (PIH) commodities after December 2015. Railroads are expected to save approximately \$335 million during the first five years, and up to \$775 million over 20 years, by using safety measures other than PTC, where appropriate.

"Under President Obama's leadership, the Department of Transportation is committed to ensuring the safety of our nation's railroads while reducing regulatory barriers," said LaHood. "These changes will provide significant regulatory relief, while ensuring that safety remains our highest priority." Earlier this year, President Obama called for a government-wide review of regulations to identify those that needed to be changed or removed because they were unnecessary, out-of-date, excessively burdensome or overly costly. "As a result of this review, the revised regulations will provide greater flexibility to railroads and save hundreds of millions of dollars even as they improve rail safety," said FRA Administrator Joseph C. Szabo. "The steps we are taking will continue the momentum achieved in implementing PTC." The Rail Safety Improvement Act of 2008 (RSIA) mandates widespread installation of PTC systems by December 2015 on rail lines that carry at least 5 million gross tons of freight annually, on Class I railroads that ship PIH commodities, and on lines where intercity passenger rail and commuter service is regularly operated. To read more about this rule, visit this link: [http://www.fra.dot.gov/downloads/Safety/PTC_Final_Rule_20100112_\(FedReg\)_final.pdf](http://www.fra.dot.gov/downloads/Safety/PTC_Final_Rule_20100112_(FedReg)_final.pdf)



L.A.P.D. ASTRO Division Tour

This tour for club members only! This is one of our most popular tours, please don't ask if a friend or a family member may come along. Please contact **Rick, LA-101** so you may be put on the list. The day and Time will be given out at the meeting and the next day via club email. Cameras are ok! Are own club member **Lance Ordin, LA-115** will give the tour.





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CALIFORNIA HIGHWAY PATROL – Southern Division

Compiled by: Rick Di Fiore LA-101

The California Highway Patrol for the past year has been changing around their frequencies and PL tones, doing their best to make the radio system work its best. So far it looks like the Southern Division is now working fine and if you live in the West Los Angeles area you can monitor "Antelope Valley" units, both sides of their communications. This is always great for those pursuits which Southern California is so well known for in the news! Here is my latest updates for CHP Southern Division, I do hope this helps some of you who like to monitor CHP like I do.

CHP SOUTHERN DIVISION							5 / 01 / 2012	
STATION / FACILITY	OFC. #	NOTES	CHANNEL	BASE	MOB/RPT	TONES		
Altadena	98	Field Office	BROWN-2		44.740	186.2		
Antelope Valley	89	Field Office	TAN-2		45.700	186.2		
Baldwin Park	81	Field Office	ORANGE-2		45.020	186.2		
Castaic		Inspection Facility	TAN-2		45.700	186.2		
Los Angeles Central	15	Field Office	BLACK-2		44.940	186.2		
East Los Angeles	82	Field Office	YELLOW-2		45.500	186.2		
Newhall	87	Field Office	TAN-2		45.700	186.2		
Santa Fe Springs	83	Field Office	GOLD-2		39.400	186.2		
South Los Angeles	77	Field Office	WHITE-2		39.220	186.2		
West Los Angeles	79	Field Office	PINK-2		44.620	186.2		
West Valley	56	Field Office	TEAL-2		45.520	186.2		
SigAlerts / Pursuits		<i>Old Statewide Channel</i>	BLUE-1	39.140	42.180	None		
SigAlerts / Pursuits			BLUE-2	44.700	42.320	136.5		
SigAlerts / Pursuits		<i>New</i>	BLUE-3	45.420	42.780	136.5		
Vehicle Extender – VHF 1		Car-to-Station	VEH EXT 1		154.905	173.8		
Vehicle Extender – VHF 2		Car-to-Car	VEH EXT 2		154.905	186.2		
Vehicle Extender – VHF 3		Direct	VEH EXT 3		154.905	None		
Vehicle Extender – UHF 2		Pink – West Los Angeles	VEH EXT-2 PINK	P25	769.18125	NAC-DAE		
Vehicle Extender – UHF 3		Teal – West Valley	VEH EXT-3 TEAL	P25	769.19375	NAC-DAF		
Vehicle Extender – UHF 5		White – South Los Angeles	VEH EXT-5 WHITE	P25	769.41875	NAC-DB1		
Vehicle Extender – UHF 6		Brown – Altadena	VEH EXT-6 BROWN	P25	769.43125	NAC-DB2		
Vehicle Extender – UHF 9		Orange – Baldwin Park	VEH EXT-9 ORG	P25	769.68875	NAC-DB5		
C.H.P. Aircraft		All Aircraft / Air-to-Ground	CHP AIR 1		122.875	(AM)		
DHS / Special Operations		Los Angeles & Orange Co.	PEACH-1		460.250	179.9		
DHS / Special Operations		Downtown L.A. Area	PEACH-6		460.850	127.3		

OTHER CHP FREQUENCIES

More information on changes in other Divisional areas. These are the latest updates from my friend Ted up in Northern California. I know that some of you in the club like to travel up north.

STATION / FACILITY	OFC. #	NOTES	CHANNEL	BASE	MOB/RPT	PL TONE		
Vehicle Extender – UHF 1		Orange – San Diego Area	VEH EXT-1 ORG		769.16875	NAC-DAD		
Vehicle Extender – UHF 1		Gold – North Sacramento	VEH EXT-1 GOLD		769.16875	NAC-DAD		
Vehicle Extender – UHF 2		Copper – Arrowhead	VEH EXT-2 COPR		769.18125	NAC-DAE		
Vehicle Extender – UHF 2		Gray 2 – Gold Run	VEH EXT-2 GRAY		769.18125	NAC-DAE		
Vehicle Extender – UHF 2		Tan 1 – Oceanside	VEH EXT-2 TAN		769.18125	NAC-DAE		
Vehicle Extender – UHF 2		Copper 1 – S. Bernardino	VHE EXT-2 COPR		769.18125	NAC-DAE		
Vehicle Extender – UHF 2		Gray 2 – S. Lake Tahoe	VEH EXT-2 GRAY		769.18125	NAC-DAE		
Vehicle Extender – UHF 2		Tan 1 – Temecula	VEH EXT-2 TAN		769.18125	NAC-DAE		
Vehicle Extender – UHF 2		Gray 2 – Truckee	VEH EXT-2 GRAY		769.18125	NAC-DAE		
Vehicle Extender – UHF 3		Green 3 – Auburn	VEH EXT-3 GREEN		769.19375	NAC-DAF		



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OTHER CHP FREQUENCIES

STATION / FACILITY	OFC. #	NOTES	CHANNEL	BASE	MOB/RPT	ZONE
Vehicle Extender – UHF 3		Green 3 – Grass Valley	VEH EXT-3 GREEN		769.19375	NAC-DAF
Vehicle Extender – UHF 3		Green 3 – Placerville	VEH EXT-3 GREEN		769.19375	NAC-DAF
Vehicle Extender – UHF 4		White 3 – Amador	VEH EXT-4 WHITE		769.21875	NAC-DB0
Vehicle Extender – UHF 4		Beige 1 – R. Cucamonga	VEH EXT-4 BEIGE		769.21875	NAC-DB0
Vehicle Extender – UHF 4		White 3 – San Andreas	VEH EXT-4 WHITE		769.21875	NAC-DB0
Vehicle Extender – UHF 4		White 3 – Stockton	VEH EXT-4 WHITE		769.21875	NAC-DB0
Vehicle Extender – UHF 4		White 3 – Tracy	VEH EXT-4 WHITE		769.21875	NAC-DB0
Vehicle Extender – UHF 5		Brown 3 – Chico	VEH EXT-5 BROWN		769.41875	NAC-DB1
Vehicle Extender – UHF 5		Brown 3 – Orville	VEH EXT-5 BROWN		769.41875	NAC-DB1
Vehicle Extender – UHF 5		Violet 3 – Marin	VEH EXT-5 VIOLET		769.41875	NAC-DB1
Vehicle Extender – UHF 5		Brown 3 – Williams	VEH EXT-5 BROWN		769.41875	NAC-DB1
Vehicle Extender – UHF 6		Black 3 – Rancho Cordova	VEH EXT-6 BLACK		769.44375	NAC-DB3
Vehicle Extender – UHF 6		Black 3 – S. Sacramento	VEH EXT-6 BLACK		769.44375	NAC-DB3
Vehicle Extender – UHF 6		Black 3 – Woodland	VEH EXT-6 BLACK		769.44375	NAC-DB3
Vehicle Extender – UHF 7		Turquoise – Solano	VEH EXT-7 TURQ		769.46875	None
Tactical – 1 / Lime – 1		Inland Division Tactical	TAC LIME-1 ID	45.020	42.260	127.3
Tactical – 7 / Lime – 7		Inland Division Tactical	TAC LIME-7 ID	45.020	42.080	118.8
SigAlerts / Pursuits / APB's		West Los Angeles Area	BLUE-3	45.420	42.780	136.5
DHS / Special Ops.		L.A. & Orange Counties	PEACH-1		460.250	179.9
DHS / Special Ops.		Border & Inland Divisions	PEACH-2		460.375	127.3
DHS / Special Ops.		Central & Valley Divisions	PEACH-3		453.450	127.3
DHS / Special Ops.		State Capital Area	PEACH-4		453.200	127.3
DHS / Special Ops.		Golden Gate Area	PEACH-5		453.825	127.3
DHS / Special Ops.		Downtown Los Angeles ?	PEACH-6		453.850	127.3

DELTA AIRLINES GRANTED 1-YEAR NARROWBANDING EXTENSION



The FCC granted Delta Air Lines' VHF/UHF narrowbanding waiver request until Dec. 31, 2013. The VHF/UHF narrowbanding deadline, which requires private land mobile radio (PLMR) licensees in the 150 – 174 MHz and 450 – 512 MHz bands to operate using channel bandwidth of no more than 12.5 kilohertz or equivalent efficiency, is Jan. 1, 2013. Delta expects to complete narrowbanding for about 125 stations at some of its largest U.S. locations, comprising more than 60 percent of its fleet, by the end of 2012, and didn't seek a waiver for those stations. Delta's one-year waiver of the narrowbanding deadline covers the stations at 118 other airports.

"Based on the record before us, we conclude that Delta has presented sufficient facts to meet the high standard for grant of the requested waiver," the FCC order said. "Delta's radio system covers airports nationwide. The complexity of the system is increased by its lack of concentration in one geographic area, and the facilities' location in secure airport areas that require special clearance and escort for technical personnel. Delta has purchased thousands of narrowband-compliant radio units, contracted with vendors and developed a schedule for completing its migration to narrowband technology." The FCC said Delta has shown diligence in planning for and implementing its transition to narrowbanding. Second, the record indicates that grant of the waiver will not significantly harm neighboring systems because the Delta system has no interoperability or interdependency with other radio systems, the order said.



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SPRINT TO END iDEN SERVICE BY JUNE 2013

Sprint announced it will cease iDEN service by June 30, 2013, and will transition business and government customers from its iDEN Nextel National Network onto Sprint Direct Connect, its next-generation, push-to-talk (PTT) 3G CDMA network. Last week, the FCC amended rules to allow geographically based SMR licensees, such as Sprint, to operate across contiguous channels without a rigid channel spacing requirement or bandwidth limitation. The iDEN shutdown is part of Sprint's Network Vision plan, a series of network updates designed to offer next-generation network capabilities to customers. Sprint will send written notices to business and government customers beginning June 1 regarding the iDEN Nextel National Network shutdown. The company will continue to notify customers of offers designed to facilitate a smooth migration to the CDMA service. Sprint launched Sprint Direct Connect last October. The service provides broadband data capabilities, PTT features and rugged handset options. Sprint Direct Connect coverage is expected to broaden throughout 2012. During the past eight months, Sprint has announced four rugged handsets for PTT users including three Kyocera models and one Motorola handset. Last month, Sprint made International Direct Connect available, expanding the reach of PTT capabilities to and from Mexico, Brazil, Argentina, Peru and Chile. Network Vision is expected to add net economic value for Sprint from reduced roaming costs, cell site reduction, backhaul efficiencies, more efficient use of capital, and energy cost savings. Sprint anticipates that iDEN Nextel National Network PTT functionality will become inoperable as early as June 30, 2013; however, Sprint CDMA voice and data services on PowerSource devices — dual-mode iDEN and CDMA devices — will still be available. The company already discontinued selling iDEN devices in certain channels. It will discontinue selling iDEN devices in all channels and all brands carrying iDEN Nextel products during the next several months.

MAN GET 5 to 6 YEARS IN SCANNER ATTACK



PEABODY — A Peabody man began serving a five-to-six-year state prison term Tuesday, a week after pleading guilty to charges that he broke a police scanner over the head of a drinking buddy during a fight nearly two years ago. William Maurice, 52, was set to stand trial last week in Lawrence Superior Court on a string of charges that included assault and battery with a dangerous weapon causing serious bodily injury. Just as jury selection was about to get under way, however, he and his lawyer, Chris Norris, reached a plea agreement with prosecutor Michael Patten. Judge Kathe Tuttmann agreed to impose the five-to-six-year term, to be followed by a year of probation.

Prosecutors say Maurice and a group of other men, including James Hussien, were drinking together on the night of July 8, 2010, when an argument started. At some point during the fight, Maurice went inside a home and grabbed a tabletop police scanner, then smashed it over Hussien's head. The scanner broke into pieces, and Hussien suffered severe head trauma. Hussien, 45, died in April after falling from a window at the Hunt Nursing and Rehabilitation Center in Danvers. Prosecutors were prepared to try the case, however, using testimony from earlier court proceedings and the accounts of other witnesses, including witnesses who had been threatened and intimidated by Maurice in the days after the incident.

All of the witnesses showed up to testify against Maurice last week. In addition to the assault charge, Maurice pleaded guilty to two counts each of threats to commit a crime and witness intimidation.



2012 POSSIBILITIES ARE YOU READY?

As 2012 approaches we have a growing list of what "experts" feel might occur. Despite the sincerity and long-winded explanations, it's all just guesswork. There is no scientific evidence that anything untoward will happen in 2012. All we have to suggest that 2012 will be any different to 2011 or 2013 is that the Mayan Long Count calendar ends on Dec 21, 2012. The Mayans themselves had almost nothing to say about what the end of the calendar held for humankind, and this suggests that they merely inherited the calendar from an earlier culture. In deciding which of the many possible calamities are more likely to wipe us out in 2012, the possibility of an ancient culture predicting such for 2012 must be taken into consideration.

1. Asteroid/Meteor/Comet - ancient, advanced civilisations have one distinct advantage over us - they may have observed the skies for longer, and may have spotted an orbit that will culminate in a collision with Earth in 2012. This is easily the most predictable disaster for 2012. With recent discussion of "dark comets", we have become aware of the possibility of our planet being struck with little or no warning. Read the full article on [Comets and Asteroids](#)

Possibility this century **9**
Possibility in 2012 **8**
Could Ancients Predict It? **10**

TOTAL 27

2. Coronal Mass Ejection (CME) from our Sun - a CME was behind the [solar storm of 1859](#). It occurred in September of that year, causing the failure of telegraph systems across North America and Europe. Accompanying the storm were auroras that are normally only seen in the Arctic and Antarctic, but were visible as far south as the Caribbean. Typically we would expect a storm of 1859's magnitude cause power blackouts and wreck satellites. *But do we really know how big they can get?* In 2009 NASA told us to be wary of solar storms, and warned of the dangers to America's ancient overloaded power grid. Being without power for a few months, in the developed world, is a lot more serious than most people realise.

Possibility this century **10**
Possibility in 2012 **8**
Could Ancients Predict It? **6**

TOTAL 24

3. Magnetic Pole Shift - pole reversals have been happening on average once every 400,000 years, with the most recent one being 730,000 years ago - so we are well overdue. Not only do we not know much about reversals, scientists are still unsure about how our magnetic field is generated. Long thought to be a by-product of the movements of liquid iron in our planet's core, [recent studies](#) are suggesting that our salty oceans might be the cause. Scientists suggest a geomagnetic reversal takes thousands of years and does no harm. They are wrong - it could just as easily happen overnight. No mechanism is known for the cause of the [magnetic poles swapping places](#). Our magnetic field is known to be rapidly declining (10% in the last 150 years), and the magnetic North pole is moving around at an accelerating pace - it has been predicted it will move from Canada to Siberia in the next 50 years. These changes could be indicating an imminent reversal.

Possibility this century **8**
Possibility in 2012 **7**
Could Ancients Predict It? **7**

TOTAL 22



2012 POSSIBILITIES ARE YOU READY?

4. Explosion from the black hole at the center of our galaxy - in 1983 Dr Paul LaViolette described the dangers of a Galactic core explosion. He explained that it would generate a cosmic ray superwave, and it would be signalled by a gamma ray burst (see below). He also warned us that a gravity wave might travel ahead of the superwave. It seems likely that the [2004 tsunami was caused by a gravity wave](#), because the accompanying GRB arrived just 21 hours later, and was the brightest ever observed, 100 times brighter than any other seen in recorded history. This gravity wave did not come from our galactic center, but if it had, perhaps the effects would have been much worse.

Possibility this century **8**
Possibility in 2012 **7**
Could Ancients Predict It? **6**

TOTAL 21

5. Religious Apocalypse - or rapture, or "judgement day". Most religions predict such a day. Conspiracy theorists suggest that many world leaders have apocalyptic beliefs, and may even be attempting to cause Biblical prophecy to be fulfilled in 2012 via their actions. If it helps, the Bible says "But of that day and hour knoweth no one, not even the angels of heaven, neither the Son, but the Father only." But then again, maybe God changed his mind since the Bible was written, and told some people the date of the apocalypse? Maybe he told the ancient Mayans? Possibilities could be argued ad infinitum

Possibility this century **6**
Possibility in 2012 **6**
Could Ancients Predict It? **8**

TOTAL 20

6. Alien Invasion - no evidence, but plenty of believers! Tied in with this are recent crop circles that have [2012 and Mayan themes](#). If aliens are the creators of crop circles, then one would expect the circles to be a warning of sorts.

Possibility this century **7**
Possibility in 2012 **6**
Could Ancients Predict It? **7**

TOTAL 20

7. Gamma Ray Burst (GRB) - a 2004 study told us that a GRB from a distance of just one kiloparsec could destroy half of Earth's ozone layer. It suggests that historical mass extinctions may have been caused by GRBs. [NASA](#) explains how "*gamma-ray radiation from a relatively nearby star explosion, hitting the Earth for only ten seconds, could deplete up to half of the atmosphere's protective ozone layer. Recovery could take at least five years. With the ozone layer damaged, ultraviolet radiation from the Sun could kill much of the life on land and near the surface of oceans and lakes, and disrupt the food chain.*"

Possibility this century **7**
Possibility in 2012 **7**
Could Ancients Predict It? **5**

TOTAL 19



2012 POSSIBILITIES ARE YOU READY?

8. Crustal Displacement - a physical pole shift. The mechanism is not understood, and most theories are just wild guesses. However it seems quite likely we had one 12,000 years ago, and what goes around, comes around. Charles Hapgood provided substantial evidence for a pole shift at that time, and Allan and Delair have added to it in their book *Cataclysm!: Compelling Evidence of a Cosmic Catastrophe in 9500 B.C.* Take into account that Albert Einstein endorsed Hapgood's ideas, and we have something to worry about.

Possibility this century **6**
Possibility in 2012 **6**
Could Ancients Predict It? **6**

TOTAL 18

9. Cosmic Rays - scientists have yet to work out where most high-energy cosmic rays come from. Either an increase striking our atmosphere, or a weakening of our shields, will let in more cosmic rays. They are already zipping through your body every second, and they could end up being our silent killers. As one example of their danger, airlines do not let pregnant women work on their inter-continental routes, because of the increased exposure to cosmic rays at those heights.

Possibility this century **8**
Possibility in 2012 **6**
Could Ancients Predict It? **3**

TOTAL 17

10. Flu Pandemic - it might not be swine flu, but flu researchers say a deadly pandemic is not a case of if, but when. Our generation is generally unaware of how bad the pandemic of 1918 was - it killed 50 million people. It was the number one cause of death amongst soldiers in WW1. Being killed by the enemy came second.

Possibility this century **10**
Possibility in 2012 **6**
Could Ancients Predict It? **1**

TOTAL 17

11. Nuclear War / WW3 / Biological War - although the Cold War is over, and fewer bunkers are being built, the threat is still very real. Tensions between the Koreas, and India & Pakistan are worrisome, as are the huge bunkers that the Russians have built. The [Yamantau complex](#) is large enough to protect 60,000 people!

Possibility this century **10**
Possibility in 2012 **5**
Could Ancients Predict It? **2**

TOTAL 17



2012 POSSIBILITIES ARE YOU READY?

12. Supervolcano - these are real, they have caused great catastrophes in the past, and we have no idea when the next eruption will be. Some believe Yellowstone could explode again soon, as it has been exhibiting signs of unrest, with earthquake swarms, ground deformation and considerable heat and gas emissions. If it did erupt, expect half of the USA to be wiped out, and major variations in global climate for many years. For more information, watch documentaries by the [BBC](#) and [Discovery Channel](#), and read my online article on [SuperVolcanoes](#).

Possibility this century **7**
Possibility in 2012 **4**
Could Ancients Predict It? **5**

TOTAL 16

13. Rise of the Machines - somewhere between Terminator and I Robot is an easy prediction: robots one day will have the capacity to rule the world. Are we stupid enough to allow it to happen?

Possibility this century **10**
Possibility in 2012 **2**
Could Ancients Predict It? **2**

TOTAL 14

14. Global Warming - it will only take an increase of a couple of degrees to make life very difficult for most humans. Luckily for us, it is unlikely to wipe us out as early as 2012.

Possibility this century **9**
Possibility in 2012 **3**
Could Ancients Predict It? **2**

TOTAL 14

15. Time Travel Error - someone from the future ventures into our past and causes a conflict in the time-space continuum... if it causes us harm in 2012, maybe someone managed to zip back in time and warn the ancients of it?

Possibility this century **6**
Possibility in 2012 **3**
Could Ancients Predict It? **4**

TOTAL 13



2012 POSSIBILITIES ARE YOU READY?

16. Nanotechnology - while this might have health concerns when used in everyday products (ie sunscreen), the doomsday risk is when self-replicating little thingies are developed. Search for "grey goo". Fortunately 2012 seems too soon for some mad scientist to let the goo loose.

Possibility this century **9**
Possibility in 2012 **2**
Could Ancients Predict It? **1**

TOTAL 12

17. Nearby Supernova - experts say that no supernova candidates are close enough to harm us. But how many supernovas have they observed? This is where, after the fact, scientists proclaim "but of course!"

Possibility this century **5**
Possibility in 2012 **4**
Could Ancients Predict It? **3**

TOTAL 12

18. Genetic Modification - we blindly take vaccinations, and we might be sheep when it comes to "gene therapy" as well. Our desire to live longer might just be our undoing.

Possibility this century **8**
Possibility in 2012 **3**
Could Ancients Predict It? **1**

TOTAL 12

20. Ice Age - right now the buzz is about "global warming", yet a mere thirty years ago we were worried about an impending Ice Age. There is evidence that parts of our climate system work more like a switch than a dial, and if a certain level of temperature is reached, it may cause what is known as "abrupt climate change". See the movie "*The Day After Tomorrow*" for how it might work.

Possibility this century **6**
Possibility in 2012 **1**
Could Ancients Predict It? **2**

TOTAL 9

NOSTRADAMUS

VII. 19 To maintain the great troubled cloak – The reds will march to clear it – A family almost ruined by death – The reds strike down the red one...

[Conspiracy of cardinals again or Kennedy family and USSR – China split?]



2012 POSSIBILITIES ARE YOU READY?

21. Solar System Falls Apart (butterfly effect) - to the best of our knowledge, everything is OK for a long, long time. However [simulations](#) have shown how Mercury could cause Earth and Mars to collide a few billion years from now. But throw a stray comet or Planet X into the mix, and our solar system could turn into a catastrophic pinball machine any old time.

Possibility this century **0**

Possibility in 2012 **0**

Could Ancients Predict It? **4**

TOTAL **4**

22. Large Hadron Collider - scientists tinkering with something they think they understand the risks of, but what if there's a 0.000001% chance their black hole calculations are wrong? Is it worth the risk? Originally we were told by CERN scientists that it was impossible for a black hole (that might gobble up the entire planet) to be created by the LHC, because it "would decay before it had the chance to do any damage". This has recently been [updated](#) to "the growth of black holes to catastrophic size does not *seem* possible."

Possibility this century **1**

Possibility in 2012 **1**

Could Ancients Predict It? **0**

TOTAL **2**

Notes:

- The odds are relative. It is the author's opinion that the odds of any of the above occurring in 2012 is about 10%, and that's just a big guess / gut feeling.
- The odds are not of such a phenomenon being real, but the odds of them happening if they are real. The author does not have any evidence that aliens exist, but if they were to exist, figures an invasion in 2012 is reasonably high.

Police and Military Training Together...

For several months have been training with the Los Angeles Police Department and others for the possibility of some kind of major event! The Los Angeles Times newspaper reported this and some of us here at SCMA were even monitoring that action on our scanners as police and military helicopters did their thing over downtown Los Angeles for 3 nights. There was plenty of air-to-air and air-to-ground communications going on! If you did not catch this you missed out. But you can be sure that they will be doing this again very soon. This is why I keep on telling you guys, you have to be a frequency detective. You need to program some frequencies and spend a long time monitoring. If anyone needs the frequencies that I was monitoring – just email me and I will be glad to help you out for next time. If any of you have some frequencies bring them to the next meeting June 13th, or email them to me if you can't make the meeting, so we can share with other club members.

Best of monitoring to all, 73's...Rick, LA-101 / WA6KFI