

A Handful of Stardust

by dallas jones



Tagline:

just a handful of stardust

Logline:

An astrophysicist's desperate attempt to warn the world that all life on Earth will soon end from a cataclysmic cosmic event unless immediate bold action is taken.

Characters:

Alex McKinley	– male, 29, protagonist, astrophysicist, parents dead
Robert McKinley	– male, 25, Alex's younger brother, architect
Samantha Lightwell	– female, 23, Alex's love interest, Hawaiian Governor's daughter, oceanographer, artist
Avalon Man	– female, 24, Robert's love interest, military historian, lecturer University of Hawaii, Admiral Man's daughter.
Dr. Simon Bova	– male, 40, antagonist insane scientist
Stacey Bova	– female, 16, young sister of Dr. Bova, crazy
Senator Jake Crassius	– male, 58, (antagonist), Hawaiian Senator
Michael Lightwell	– male, 55, billionaire, governor of Hawaii
Admiral Karl Man	– male, 60, Admiral in charge of Pacific Fleet)
Timothy	– male, 25, astrophysicist works with Alex (minor character)
Dr. John Griffith	– male, 59, Director of AMOS, Alex's immediate boss.
Dr. Richard Johnson	– male, 44, Assistant Director of AMOS
Lt Commander Dakota Man	– male, 32, son of Admiral Karl Man
George Ariyoshi	– male, 94, former Governor of Hawaii
Oscar	– male, 77, Book shop owner – retired marine biologist, warned about allowing tourists to snorkel would adversely effect the cove.
Min Xu	– male, 38, geologist
Tommy Kelly	– male, 45, mining expert
Derek Johnson	– male, 61, CEO of Caterpillar
Kuala Kauli	– male, 30, Assistant to Senator C: Kuala Kauli
General Kager	– male, 59, General to take command of Pacific Fleet
Dr. Stanley Thompson	– male, 55, Director of OWL
Lt. Commander R. "Rock" Jones	– male, 45

Outline:

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Notes:

- Maui Space Surveillance System (MSSS) detection and tracking of orbital satellites
- ecliptic (the plane in which the orbits of the planets lie)
- (OWL) Over Whelmingly Large Telescope
The segments should join together to form a deformable mirror capable of resolving objects taking up just a milli-arcsecond of sky. An arcsecond is a sky measurement used by astronomers to determine sizes of objects in space. There are 60 arcseconds in an arcminute, 60 arcminutes in a degree. The full moon is about half a degree, or 30 arcminutes wide.
- W.M. Keck Observatory at Mauna Kea, Advanced Electro-Optical System (AEOS), a 3.67 meter telescope
- Air Force Maui Optical and Supercomputing (AMOS)
- *Geothermal Gradient* – temperature vs. depth.
The geothermal gradient varies depending on location, so there is no uniform answer. On average, the geothermal gradient is approximately 75 degrees F per mile. In volcanically active areas, the gradient can be as high as 150 degrees F per mile. In ocean trenches, the gradient may be as low as 15 degrees F per mile. Decay of naturally occurring radioactive elements may also cause localized increases in temperature in some locations.
- Temperature drops on the average 3degrees every 1000 feet. Also 10,000 feet is above the bottom third of the earth's atmosphere.
- *Ort Cloud* – Cloud of gas/comets/debris beyond the orbit of Pluto.
- 24 Satellites NAVSTARs are sent much higher to 12,625 miles above Earth.

Interesting Phrases:

- The night falls on the good and bad alike.

Outline:

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A Handfull of Stardust

Alex McKinley couldn't congratulate himself. He was nearly 28 before he'd received his Doctorate in Astrophysics from Caltech and it had took him nearly 2 years to land a job in his field in Hawaii at AMOS, the Air Force Maui Optical and Supercomputing facility at the summit of Mt Haleakala. The job not very exciting consisted of cataloging and tracking the random debris and satellites for NASA which he dutifully worked every weekend. During the week he taught at the University and lived with his brother.

He wanted to make a difference but at his age he wasn't on the fast track. Astronomers aren't given opportunities for being nice. While he held down jobs between classes others made connections and got the jobs that he only dreamed about.

Fortunately, he lived by the same principle he had taught his brother. Opportunities are just waiting to be discovered. So one night as he about the soon to be completed super telescope, OWL (Overwhelmingly Large) telescope atop Mauna Kea, Hawaii. Maui not very exciting cataloging and tracking the random debris. He wrote a proposal to the AMOS's research panel for a project to make use of the new telescope. He was sure he hit a nerve when his entry didn't show up in the project proposal journal.

And a week before the official opening for research he found himself in the control booth coordinating the 3.67meter Advanced Electro-Optical System (AEOS) telescope, linking the OWL on Mauna Kea.

His proposal had been simple, making use of the tracking software at AMOS linked to the most powerful eyes on the planet. His job had been to search out and track satellites that either our country would like to know about or discover satellites that might be tracking our satellites.

The problem had been a new era of stealth satellites. Small dark objects that had been invisible to present day technologies to either detect. The fear had been that China had leaped ahead in this field and that all America's satellites might be taken out in a single moment.

Alex proposed integrating satellite tracking software at AMOS with the a technique of detecting any variation in light intensity of any object that may be tracking behind all our satellites. OWL could resolute down to 1 milliarc causing the background stars to always be present. A proposal to sweep out space behind our known satellites for several arc minutes.

An arcsecond is a sky measurement used by astronomers to determine sizes of objects in space. There are 60 arcseconds in an arcminute, 60 arcminutes in a degree. The full moon is about half a degree, or 30 arcminutes wide.

I guess Alex made enemies immediately. Directors pet projects were turned down over a new comer with few connections. A week was being devoted off the books and if successful he'd be given exclusive access one day out of the month to continue the project.

Halfway through the first night as the image OWL was generating plotted on the monitor. A sweep back along the path revealed an image. At this point the path was sweep around the discovery to pinpoint is speed and intent. For no image would be followed back along a satellites path unless it was being tracked. Then around 2am a man came into the control booth. "You know who I am," said the stranger who seemed a little aggravated.

"Nope," said Alex shaking his head and looking back at the monitor.

This really annoyed the stranger. "I'm the guy that pays your salary and I want your attention and for you to explain why I should continue to pay it."

What an asshole thought Alex. He took a deep breath. Maybe I' am just doomed.

"Dr....," said Alex in his most cowering voice. He couldn't keep this up for long.

"Bova, Dr. Bova head of Strategic Weapons for the Pacific Fleet."

Ah asshole with a title thought Alex.

“Well Dr. Bova let me show you something that a Strategic Weapons expert like yourself should find quite interesting,” said Alex putting a smile on his face as he waved the Doctor over to the monitor.

“What’s this.”

“This is why you pay me and why you authorized this project, to make you look good.” Alex paused to get Bova reaction.

A scowl came over Bova’s face.

Alex continued.

Alex manipulated the keyboard and in a moment an image appeared on the screen.

“What we are watching is the one of the GPS satellite 14 it handles Global Positioning for most of the Pacific for both civilian and the military. It appears as a bright dot as it sweeps out an orbit at the same rate as the earth’s rotation. Now I’m going to track back 2 arc seconds along its orbit. On the screen is a field of stars. “Yea, I see nothing particularly interesting.”

“That’s because it is being viewed through the 3.7meter AEOS telescope. And it would appear not much different even in the giant 10meter Keck scope.”

Now with the aid of my software and the help of a night OWL I will show you what’s behind the curtain.”

“Curtain, bird, what the hell are you talking about?”

Alex weighed for a second his career vs punching this asshole out.

“The new telescope that we are synched to is code named OWL and what’s behind the curtain is about to be revealed.”

Alex punches in a few buttons and suddenly a field of bright dots fill the screen. They are stars reaching across the Universe that are suddenly visible at this resolution. This is a 100 fold increase along the same path as GPS14 passed only moments before.

Now appearing on the screen is a line of red dots along the path.”

That Dr is a stealth satellite tracking the GPS14 with the aid of my image processing software and OWL we still can’t see the intruder but can see the effects of its passing.

“Damn. That is why I pushed for this project.”

“I’m going to fry those little roaches out of the sky,” said Dr Bova. He had a maniacal look as he stared at the monitor then jabbed his finger at each red dot that showed the satellites course.”

He looked up into the heavens raised his fist and scream. “Burn in hell.”

He was literally shaking. Then as if the room was empty he looked around as if looking out for someone just out of sight and started repeating the phrase ‘Nam Myo Ho Renge Kyo’ over and over until he had control of his shakes. Then he turned and walked out of the control room.

That man’s insane thought Alex.

The next morning as Alex woke he wasn’t sure if he hadn’t dreamed the entire experience. He calls the OWL facility Director and complains that this asshole is riding his back. The Director is not in a good mood. “Join the line.” “It’s the US government that has paid for most of the construction and ongoing costs and they have overridden me. Just follow directions and guard your back.”

By the time the call came in at 2am on the second night 3 more satellites were discovered.

“AMOS observatory, Dr. Alex McKinley.”

On the other end of the line Alex recognized the voice, “I’m calling on a update.”

Alex wanted to stay on the good side of this nut as much as possible. “Got three more stealth.”

“Doctor you been negleget. You think I wouldn’t do my research. That satellite last night also carriers the primary communications for Hawaiian islands. Did you think I wouldn’t find out.”

What was this guy talking about. I didn’t give a rats ass what each of these satellites did.”

“You mean GPS14...”

“Shut up,” screamed the voice on the other end. Then in a whisper he said.”This line may not be secure. A courier is on his way over to give you new instructions.”

Before he had time to react the phone when dead.

Twenty minutes later an armed guard knocked on the door and delivered Alex a vanilla envelope.

Inside was a list of nearly 40 objects that took as the letter said UltraHighSecret Priority. These had to be covered tonight.

Alex lifted his arms to the heavens. What the fuck does this mean. The first night only six objects he was able to verify. There was no way of contacting this idiot to explain things. And he was sure the Dr. would be very upset with tonight’s results. He’d write a letter tomorrow and try to find an email to send it too.

There was a problem. He sent an email off saying that many of these objects lay outside the angle parameters of the telescope. Turn off the safety. Under pressure now Alex would group the objects that were in the same area of space together. The biggest time factor was the positioning of the telescope. It take a lot of time to move 15,000 tons several arc hours and position it within 1milli-arc second.

Three of on the list would pass through the constellation ‘The Pleisades’ within a 2 hour period. They weren’t on the top but they were on the list.

He moved the great OWL through 200 arc minutes and made a preliminary sweep of the area. He had about 30 minutes before the first object could be scanned.

As the great disk on OWL peaked out further into space than anyone had ever seen. The monitor lit up with a billion small dots. Then without reason just to check out a blank reading since he still had time to kill Alex ordered a run back through ‘The Pleisades’. The monitor lit up with a thousand points of light. At first he thought he had damaged OWL by its great sweep. But another sweep confirmed more movement. On a hunch Alex brought up the full magnification of OWL on one of the seven sisters. A luminosity index graph showed varing fluctuations. These weren’t satellites. It was nothing Alex had seen before. He record the different stars in ‘The Pleasides’ and then he saw a faint object move across the monitor. This he recognized. It was the faint outline of a comet. He followed it for several minutes recording all the data. He wondered what to name it. Two more comets moved across his view. He tracked each in turn for several minutes. They each seemed to be moving in the same general direction. Tomorrow he’d plug the orbital information into the Super Computers. They

were probably just moving through the Ort field and the dimming must be a extraordinary dense cloud of dust.

As morning came he closed up shop and moved the OWL back into its resting state then closed the great housing over the telescope. He gathered his weeks of DVD data and cleared out. He had wanted a copy of the data for himself since the OWL facility would also maintain a copy.

He woke when his brother entered around noon.

"Alex weren't you using the OWL last night."

"What time is it."

"Time to look for a new job. If the answer to that is yes."

Alex look up still not comprehending.

It seems that the OWL Director has been trying to reach you. Its on the news, the entire OWL telescope has collapsed and caught fire. Luckily no one was in the main facility. But it's a billion dollars down the drain.

Alex fishes in his pocket for his cell phone. There is over 20 messages. He starts to delete them then decides not to.

He pushes the button to the director.

"Alex, you are in trouble."

"Listen I don't know what happened but nothing I did caused the facility to collapse."

"You operated outside the parameters Alex."

"With you ok."

"I never authorized no such thing."

"You seriously misinterpreted my words."

"Just check the answering system."

"I am afraid Alex that the answering system has been wiped clean."

"We'll the Project director will confirm it."

"Not likely Alex. Not likely."

Alex figures he may have a few more days before he is canned from the AMOS facility. Fortunately, his grant is through the University and his boss is gone for the weekend.

He heads up the Halelakala to the observatory. He wants access to the computers. He's feels that something is very interesting in the data he collected all week.

It was the second night Alex was looking at the telescope image in real time when around star cluster known as '**The Pleiades**' that the unusual images of movement started occurring . Several sweeps of the region revealed a great drift of objects and gas. I guess it's obsessive curiosity that made Alex focus in on that region. He looked up all satellites that may cross this path and scanned them as they passed each time scanning a little greater region. On the third night he'd run out of objects that crossed

the path of 'The Pleiades' and took turns moving the telescope from abandoned his tasks altogether and started a detailed analysis of the extent of the movement. Movement that with no other scope in the world could even detect.

Alex McKinley at AMOS on top Mt Haleakala, Maui.

It is late at night.

It is the last night of his research grant and he has cut the voice to off on the phone because every hour a call comes in to the answering system of pure profanity as this Project Director curses him out. He finds his new discovery much more interesting. And what the hell he's not likely to get another grant.

What Alex doesn't realize is that on the last the

With new equipment he searching the sphere of gas just outside the solar system observing a comet he has discovered. But as he observes the comet it disappears. The comet is not where it is supposed to be. Later he discovers that the comet has accelerated. He observes this area of space over the next week growing more concerned as stars in this area of space begin to disappear. Winking out of sight. Calculations confirm that space dust is moving on a course that will sweep through the inner planets in about a year. From his calculations he determines what kind of mass this body must have to accelerate the comet. He is amazed that the combined mass is greater than the Jupiter. And it is moving on along the elliptic and will intercept Earth. Still it is only dust. After a dream where he is at the bottom of a well and a fine dust slowly buries him one night he uses the super computer to run simulations on the effects of such a cloud on the earth's atmosphere. The simulations suggest the atmosphere will be burned off and destroy all life. He reports his findings but the scientific community is very skeptical to save the least In facts one of his colleagues tells the information to the tabloids and finally he ends up as a small celebrity status, in a bad way which threatens his position at the institute. He is confronted by the director about using up Super Computer time on research outside his assigned grant.

Alex meets Samantha who is on VIP tour of Keck facility one evening. Alex rather shy mumbles something. I didn't catch that, she says. Alex finally speaks up. Alex McKinley, I work here. She laughs, of course you do. You're the Chicken Little man from People magazine, she laughs. Alex is embarrassed and in the silence that follows she sees that she'd upset him. Don't mind my remarks I haven't learned any manners when I as a child. I'm sorry. Let's start all over. I'm out here looking for you. I saw your picture in the magazine and you didn't look like a nut. Alex feels a bit better. Well your wrong there I'm a nut been that way all my life. Her voice and looks enchants him and he forgets for the moment his worries. "Never liked the media. Can't believe a word they say."

She asks what is he doing out here. He says VIP tours disturb him, makes him think of the magazine. And besides he just found out that he is soon to be out of a job. Direct tells him now they can get down to real research.*** (Director will call with news about a comet.)

She says, well let's change the subject. Enchant me with the heavens. He talks about ancient seafarers and the moon how it advances around the sun. She looks through the

binoculars he has brought outside and stars at the moon. "Very mysterious. But tell me what you were looking at this evening. "He tells her to look up at a bright collection of stars and asks her to count them." She does and says I see five stars."

"Yes, they are known as 'The Pleiades' or the 'Seven Sisters.'" She looks again up in the sky. It looks like a chunk has been scooped out of a dish of ice cream, where are the other 2 two."

"Good question?" I believe that something has come between our view of these stars and us. And that something is a vast dense cloud that will become ever more ominous blocking the light of more stars as it approaches us at a speed of over 180,000 miles and hour. It will sweep across our orbit and vaporize the atmosphere burning all life from the surface. It will be like the Apocalypse spoken of in the Bible that man shall die by fire."

"But other scientists believe you're wrong."

"Yea and people believe the world is flat too."

"Inside Keck is some of the most powerful computers in the world." I've spent weeks setting up the parameters to test my data. I wish I'm wrong." But the model predicts a catastrophic impact with our planet beginning between 9 months and a year."

Samantha shivers. "Well enough of a nutcases theories that nothing can be done about."

She lifts her binoculars toward the Northeast for a moment.

From the door of the observatory a man is approaching Samantha notices. Samantha hands the binoculars back. "We'll it looks like I've been discovered."

"If you ever get over to Oahu, look me up."

Samantha starts walking away.

"But what's your name."

"We'll if we're all going to die what's the point but if it's our destiny and you're smart enough to save us from dieing you can find me by the light. With these words she hands back his binoculars and walks toward the man in the dark."

Alex is totally perplexed as he looks at her greet the stranger, a man seems like he might be her husband or boyfriend. Alex watches as he sees a limousine parked outside the observatory she walks into and the car drives off.

After she has disappeared he turns in the direction she was looking and stares out into the blackness until a point of like flashes on for an instance.

He's at a low point, intrigued by this girl even as his world begins to become unraveled.

He says to himself, if I'm right, "What does it matter?"

Depressed he walks back toward the observatory to empty out his desk and pack the stack of DVD's to data. With no job he will have to move back to the small home on Oahu with his brother. Maybe he will run into the girl there.

Alex leaves a message on his brother Roberts answering machine saying he arrive tomorrow. The next morning Alex flies into Honolulu and takes a bus to his brother's home at the end of Waikiki.

His brother is out, they live right off the beach and Robert is in between jobs. He is very successful.

He can't get this girl out of his head and he is has constructed map with Hawaii and Oahu. And drawn out a jotted down lines and distances.

When Robert arrives he finds Alex asleep on the couch with a map of Hawaii in his hands.

Robert wakes him, excited to see his older brother Alec.

"Alec." Let me guess you stopped over before beginning the 'End of the World Lecture Tour'.

Alec forces a little smile. No I'm here to stay.

Robert sees how depressed Alec is and immediately asks, "Did they fire you over your theory."

"Alec eyes water. He sees his brother is trying to cheer him up."

"Funny, I believe the world is going to end and all I can think about is this girl I meet last night."

"Alec starts crying."

Robert puts his arm around his brother. It's that serious. You finally met someone who takes your head out of the heavens. What's this girl name. I'd like to meet her."

"Alec slips out of his brother's arms and sinks back onto the couch."

"I don't know her name and from what I can figure out she's married and lives at the airport."

Robert, laughs despite himself. "Then sits down across from his brother. My brother, the logical scientist in love."

"Alec laughs."

So Alec tells Robert about his theory and the words the mysterious girl spoke.

“We’ll did you ask who was on the tour.”

“Director says he didn’t know who was on the tour. And the only object visible from Mauna Loa is Honolulu’s airport beacon. And to sound like one of those doomsday nuts the super computers say were going to burn.”

“Not smart enough to unravel a little riddle brother. After all these years you’ve been right enough for me.”

Alec smiles, “I can’t think I need to figure out what to do.”

“We’ll there’s always room here.”

“Thanks. And Alex heads toward the bedrooms.”

In the morning Alex walks out on the deck just as his brother finishes putting some architecture plans in his brief case. “Well Alex the house is yours today. I’m off to a new job. Probably won’t be back until late. Make yourself at home.”

Alex wanders down the beach thinking what to do. If he’s right he doesn’t need to worry about a new job. He thinks about what the mysterious girl had said about finding a solution and his initial guess on the size and speed of the cloud would take about 6 months for the main body to pass with through our area of space. And the initial warnings might beginning being felt as early as six months before the main body. But how do you survive a catastrophe event that will at the very lest burn away the atmosphere if not the very oceans of the world. You can run but you can’t hide. I mean if you found a deep enough cave that you could block off even after the cloud moved on there would be no air except what remained in the cave. And I wonder if I called all the limousine services they would have a record of who visited the observatory that night. He walked at the water level toward Waikiki. At least he would die in paradise. He wondered if People Magazine would make a retraction about ‘Chicken Little’ as there market share were consumed in fire. And even if he could figure out a plan he’d need the logistics and expense would be staggering. The connections he’d need. He couldn’t even get his brother to believe in him much less anybody else. Once he reached the Hilton he turned back and walked back to the house might as well eat. The light surf felt cool against the summer heat. Hard to believe that within the year this same ocean would be a boiling caldron.

When he arrived back at the house. He was surprised to find his brother there on the phone talking to some associate at his firm. “Yea, after this project. I’m taking a sabbatical. That’s right no work for at least a year.” Robert notices Alex standing in the door way and motions him in. “That’s right I have something more important than work.” He hung up the phone.

“So Alex what’s the solution.”

Alex is totally stunned. “Solution - solution to what.”

“Listen, before Mom and Dad died. Mom told me that if anything ever happened to them, Alex would be there to support you. We believe in you Robert.” “You remember I was a young asshole and blew them off. And when they died I guess I sobered up. And you asked what you could do for me what did I want to do most of all. You supported me even when I was an asshole with no questions.”

“Well its time I tried to live up to Mom and Dad’s expectations. I’m here for you brother. If you say the world will end within the year it seems pretty pointless to work doesn’t it.”

“So what’s the solution?”

“I don’t have one?”

“Well let me make you a deal Alex. You’re the brightest person I know. If a solution exists you’ll find it. And I’ll help in anyway humanly possible. I’m behind you one hundred percent.”

“And this mysterious girl you’re inflatable with. I’ll find her for you so you can tell her how to save our butts.”

Alex starts crying again and Robert comes over to comfort him. “You know Alex people are going to get the wrong impression if we keep holding each other all the time. Especially the girl I’ve been seeing lately.”

Alex, “Just one.”

“Yes, Alex. It appears I’ve gotten as mess up in my head as you. You’ll get to meet her tonight.” “She might be able to help she got connections with all the big brass on the island.”

Alex hands him a box. I knew you wouldn’t have time to find the right costume on such short notice so I’ve found you the perfect outfit.

That evening Alex and Robert get dressed up and Robert drives on to the base in Honolulu. It’s a combination awards ceremony and Xmas Banquet. At the base entrance, Robert announces to the guard that they are guests of Admiral Man.

“As they are saluted and passed through with directions to the banquet. Alex makes a dig at his brother. Don’t tell me you’re dating the Pacific Fleet’s daughter. The same brother that said he hated the military.”

“What can I say, she’s something special.”

They’re escorted to the front table and Robert introduces Melissa and Admiral Man to his brother.

On the way up to the front Robert spots a girl he recognizes sitting at the table with the scientists. It is Kelly Bova, younger sister of Devesh Bova, leading honoree. She seems none to happy seeing Robert with Melissa. Robert also notices the family resemblance to Devesh. She spots him and screams across the room. “Hey lover boy, don’t want to sit with me anymore.”

“Oh shit,” he mumbles. Brother Alex asks what that is about. Robert tells him its about a nightmare. She looks a hell of a lot younger than 21.”

Devesh starts chanting as Melissa crosses the room,. “Nam Myo Ho Ren Ge Kyo Nam Myo Ho Ren Ge Kyo Nam Myo Ho Ren Ge Kyo”

“Oh Fuck Off, you idiot,” shouts Devesh sister.

Devesh jumps up runs around the table chanting, “Nam Myo Ho Ren Ge Kyo Nam Myo Ho Ren Ge Kyo Nam Myo Ho Ren Ge Kyo” then sits down again at his seat.

Turns out that Melissa was dating Devesh for a while and Robert who was interested in Melissa which he met because the Admiral had hired him to build a retirement home for him. Well Robert meet by chance in town Kelly at a night club. She had fake ID saying she was over 18 but in fact was 16.

When Robert started dating Melissa he stopped seeing Kelly who is a bit crazy anyway. Crazy running in the family. This is the first time they have really meet in public since.

Melissa says, “Say Robert your brother should be interested in this. Tonight we are honoring the scientists that has perfected the Star Wars laser weapons.”

Alex notices Robert being distracted so he takes up the slack and talks to Melissa.

“We’ll how did the too of you meet.”

Melissa says, “Interesting story.” When I’m upset there’s a little hidden place that no one knows a little, I don’t know perhaps café-shop with rows of interesting books in Wakikii that I visit and an old man that runs the store. I sit and looks through all the old books and always find someone to listen.”

“Well when I left the place I always walk down to a park next to the marina and I ran saw him with one of those surf board lines dangling from his foot and he looked as sad as myself. And I went up and talked to him. We kind of hit it off. I guess misery loves company.”

“That must have been when we lost our parents. Did Robert tell you.” “He said they died violently. I never asked him again. I figure he’d tell me when he wanted too.”

At this point the Admiral announces, Devesh to come up.

Devesh is obviously tanked and when he takes the stage he pushes the Admiral away.

“Yes, I deserve this. I get this, the Admiral gets the credit, that fuck gets my fucking whore, and my kid sister gets fucked by my whores new boyfriend. That fucking whore of mine is probably fucking that crazy fucking brother of his. I can’t talk a lot more about the others but that fucking whore girl friend I got plenty to say.” The Admiral at that point tried to tackle Devesh but Devesh pole-axed him with the hefty award.

With that Robert jumped up and ran up to the podium. Devesh through the medal at him and Robert punched him out. Then all hell broke loose. Kelly ran up from behind and somehow had picked up the fallen award and hit him over the head and started screaming. “You fucking rapist you dumped me for that whore. Alex rushed forward and pulled the little banchee off.”

Next thing we found Robert, Alex and Devesh in jail.

Some pretty serious charges have been leveled at Robert. Alex was released once it was determined he had went to assist the Admiral and pretty serious assault charges were being leveled at Simon.

But Simon is released without charge and his sister along with him.

When Robert sees the Admiral and asks about Melissa he is told that Melissa doesn't want to see him. He tells how he met Kelly in a bar and didn't realize her age and it was all before he started going out with his daughter. He would try but Melissa was pretty pig headed and had funny ideas about what's right.

Robert is now back home and both he and Alex sit around the room depressed. "You know if their just were no women in the world life would be a lot simpler."
"Alex looks up into the heavens and replies, "Then it wouldn't make any difference that our world is about to end."

The next day, the Governor of Hawaii calls and asks Robert to start on the design of a new style Aquarium.

Any resources he needed would be at his disposal. "I don't know Governor. I'm not sure..."

Alex overhearing this. "Tell him you'll call him back. Just do it."

Robert tells the Governor, he has something that needs his immediate attention and hangs up.

"What's the point Alex?"

"If we're going to die? Just what's the fucking point?"

"We'll you may have given up on the world and Melissa. But I can't just give up and wait. Besides you promised to find that girl I met if I came up with a solution to save the world."

"Yea, and have you?"

"No, not yet I need access to a super computer to know if there is even a theoretical possibility."

"Yea and what does that have to do with the governor?"

"You will have access to the University research computers?"

"I'll now make you a deal?"

"If I get you back with Melissa you'll help me find the girl I met and get me access to those super computers."

"But how can you do that?"

"That my secret? Deal."

Robert looks at his brother for a few seconds then picks up the phone and redials the Governor."

"Governor, I'll need access to the Universities supercomputers."

The next day Robert leaves early to look at the sight of the new Aquarium.

Alex puts on a pair of comfortable walking shoes flings a laptop bag over his shoulder and heads out toward the Hale Koa Hotel at the far end of the beach. Once there he turns up toward the lounge and out into the streets of Waikiki. He carefully travels up

and down each road until all the shops ended then walk over a block and walked back toward the beach.

It wasn't until noon that he past a house with a big poach and would have past it if something odd hadn't caught his eye a series of umbrellas along the poacher. Alex knew he had found the place the moment his opened the poach door and saw this great library.

He talks with the owner, this old man the tells him he used to be a marine biologist. They talk then Alex finds himself a comfortable chair next to where Melissa usually sits and opens his computer. He is wearing an old fishing hat that covers much of his face. And is soon asleep.

At 5 he gets a nudge on his shoulder and wakes. She didn't show up today.

That evening, Robert is already home when Alex enters.

"Well?"

"Nothing yet?"

"We'll I needed a pretty good excuse too use the super-computers. So after checking out the sight of the Aquarium. I convinced the Governor and the committee to build the Aquarium under the ocean just across from Diamond Head light house.

"They were going to arrange the use of computers by next week."

"We'll then we don't have much time to convince Melissa."

The next day Alex leaves with his laptop again and at the shop spends the morning talking to the marine biologist. At the end of the day, the shop keeper, nudges Alex on the shoulder again but first reads touches his keypad and read articles about extinction events and how they effected life at sea.

"Will you be back tomorrow?"

"Yes, but I hope she shows up soon?"

"Perhaps I'm wrong about this?"

"Come back tomorrow, we'll see if we can lure her here?"

That evening his brother is busy preparing a meal?

"I have faith in you brother."

Next day Alex shows up when the store opens, its Friday. Alex realizes that the store will be normally be closed this weekend.

I left a message with Melissa telling her the rare book on the "Translations of Hannibal."

"What did she say?"

"I only reached her answering machine and on it was a message that she wouldn't be back until later this evening. She's not easy to reach."

Alex looks at the hours sign hanging on the door. "Your closed the weekend?"

"That's right so I lied and told her that because I would be going away for a few weeks she should be by tomorrow. I was extending the store for an extra day."

Alex, "Thanks." "But why did do this?"

"Well the last few days we've been talking and not once did you say anything about your theory about the comets crashing to earth. I figured a nut would be preaching his crazy

theory. You didn't. So I started looking up more information and discovered there are a few others out there that believe your theory may have validity but can't obtain the records to check out your theory."

"It smacks of Ostrification?"

Alex gives the old guy a puzzled look.

"When people think information to be too terrible to be true they hide their heads in the sand and deny the very existence of it. Until it's too late. Plus you don't seem like a nut."

Saturday morning the old man stands at the counter with a nicely wrapped package. Inside is a first addition of "Cyrano DeBergerac".

Alex is sitting on the couch typing away when the door opens. He looks up to see Melissa entering. He slouches down and covers his eyes pretending to be asleep.

"Good day, Melissa," says the old man. Here's the book written in the original language."

"I thought your never open on weekends." "We'll there's always the exception. And now that you're here I'll close up the front if you'll show our visitors out the back," old man nods in the direction of Alex. He's been a fixture here the entire week."

Oscar hurries out to the front and from the outside the lock is turned.

Melissa, turns and walks over to Alex and nudges him."

He pulls off his hat and looks her in the eyes. She recognizes him and first turns toward the front but realizes the front door is closed. Then turns to go out the back but Alex is blocking her path.

She goes around him and he says as she walks away. "I just came here to tell you that you shouldn't see my brother anymore."

She stops at that, "Why?"

"This is the reason," Alex hands her a CD.

Then he walks out the back before she can say anything.

She is curious. Oscar comes back in and says. I hope you like that.

She has almost forgot the package in her hand. "Oh, yes thanks. I better get out of here."

(Back at home Melissa listens to the tape. She opens the package and notices it's not the book she had expected and reads the hand written inscription by the author. "Too Roxanne, my only love, Cyrano." She is listening to the CD on it are the voices of Alex and Robert. It's obvious that it is a recording made without Roberts knowledge. She seems such a bitch," Alex says on the CD.

"Damn it Alex, she's the most wonderful..."

Back at home Alex finds Robert. "Any luck. We'll know by tomorrow, Robert. I just don't know. But if we don't here from her by tomorrow I think you better think of moving on."

"I can't Alex."

"I know Robert. I know..." says Alex as he looks out across the ocean toward Hawaii.

Robert and Alex are in the kitchen making dinner together when the doorbell rings.

Robert goes out to get it, when he opens it Melissa is standing there.

"I'm sorry Robert, I shouldn't have listened..." Robert grabs her and don't know if he should cry or laugh.

"We'll are you going to invite me in."

Robert practically carries her into the room. Alex we've got another guest."

"Hi Melissa, I was hoping you'd make it for dinner."

Melissa shakes her head and smiles. "You know Robert your brother would make a hell of a military strategist."

"I was hoping that what Robert said about you were true. That you would see the truth if it could just be presented to you."

"Now if you don't mind. I need a little time to think. I've got a busy day tomorrow."

Alex puts down his aprone and walks off toward his room."

Out on the patio a table set for two under the stars waits with a candle burning.

Robert tells Melissa about Alex's theory and how he got access to the Universities Supercomputers to test out a theory to save humanity.

The next day at the University Alex and Robert show up with two CD's. One to measure pressures on a new plastic compound that Robert what's to create an underwater aquarium and a second group of data to test Alex's theory on the damage his gas cloud may have.

They have hogged the computers all day and one of the staff has recognized Alex from People magazine. Another disgruntled research contacts the Govenor about the issue.

The governor shows up just as the results are coming across.

Alex is devastated by the results. According to the results at least 2 miles of ocean minium will be boiled away and maybe all.

The Govenor is angry that Robert is using the resources designed only for the aquarium project.

And fires him because of the ramifications on the Governors reputation. Alex shows him a stimulation and tells him to have any astrophysicst look over the data. You won't give a damn about your reputation or job in a year. On impulse he hands the governor his data and notes and walks out.

Robert joins him and as they are driving back home Alex blurts out. "I really fucked up this time. Not that it matters any."

"Are you saying there's no way to live through this event."

Alex says, "Not unless you can live at the bottom of the ocean." and then mumbles almost to himself and even then maybe not."

They get home both very hungry Melissa has met them.

Robert suggests they go next door he'd like Alex to meet a very interesting neighbor.

"Alex doesn't want to."

"What do you got to lose."

"Robert makes a quick phone call. The person on the other end seems just as reluctant as Alex."

The three of them walk across the property and Robert points out the lighthouse. As they approach it comes on and a sweeping beam of light cuts out across the ocean. "You know Alex this is not just any lighthouse, Melissa's father officially would live there if not for his wife is very private. So one of Melissa's friends live there. There is no response from Alex. "Also you might be interested in knowing that the beam from this can be seen all the way to the big island.

Alex looks out at a peninsula out toward the mountain of Mouna Loa on the big island and thinks how nice it would be to be a fish swimming away without a care. On the walk down the beach to get to Samantha property Alex sees little crabs burrowing under the sand as the waves wash over them.

At this Alex stops. "You mean this is the light I saw at the observatory."

"I don't know lets findout. Samantha has just broken up with her fiancé. Seems recently she's been having second thoughts about becoming a senators wife."

At the door a beautiful woman answers it. He's dazed and starts into the room when the woman puts out an arm, "Well have you a solution or not."

Alex remembers her words and knows the wrong answer will not get him into the door.

"Of course, there's a solution."

Everybody listens, since only moments ago Alex had told Robert and Melissa that they were doomed."

"Yea."

"Well, it's a difficult solution."

She starts to push against him. "No games here."

"No let me show you on the computer."

Samantha let's everyone in. "I can do better than that."

She walks over to full wall screen that is attached to the computer. Alex sits down and brings up a picture of Oahu.

This week my brother and myself used the super computers at the University to explore if it was even possible to survive. And I believe it is but only barely.

He explains the scenario of what he believes will occur.

In about 3 months the events leading up to the extinction of life on our planet will begin. It will begin with a whisper. A number of small comets will strike the earth. Nothing to alarm the world except by then a number of scientists will be able to discover on their own that my theories are valid they will be followed in another 3 months by the first feelers of the cloud reaching out across our path. As earth sweeps across the heavens we will begin to experience the most amazing night display of lights. These in the beginning will be harmless. Slowly overtaking the earth in its orbit. The earth will probably actually begin to cool due to the cloud that begins to block the sun's light. They will probably recur at more frequent intervals until suddenly you will be able to see these displays during the day. After about 4 months we'll begin to slow in our orbit relative to the cloud the fireworks will become visible during the day. And even though the sun will be a dull red ball in the middle of the day the earth will begin to heat up. Life on the surface has about 3 months. Most people will start wondering if the sky is not falling then. For the temperature of the atmosphere will slowly begin to rise. People at the higher elevations will see the icecaps begin to melt. It will become more difficult to breathe at higher elevations.

Somewhere around this time it will no longer be possible to contain the growing fear that this is not a temporary phenomenon. Anyone with eyes will be able to realize the danger.

"Well the solution is for everyone to find a deep cave and wait for the cloud to pass."

"If only that were the case. The phenomenon will be so intense that the very atmosphere of earth will be burned away. Anyone living in a cave with access to the surface the temperature will climb to several hundred degrees. And to seal the cave no matter how large the limited oxygen would be consumed in a matter of weeks and even after the cloud passes on the atmosphere would have disappeared.

"Well what is your solution."

"We must somehow tunnel below the surface of the oceans ourselves and hope the simulations we ran at the University hold true. This would be the grandest project ever undertaken by the human race and we have less than a year to complete it."

"That seems impossible."

"We'll you ask me to come up with a solution. That it. I didn't say it would be an easy solution. It would take enormous resources."

"We'll you need to show this to my dad. He'll be able to help."

Robert laughs. "You haven't talked to him today yet. No."

"Alex you should be interested in this. Samantha's dad is the man who fired me today."

"The governor."

They all had dinner and discussed their roll. Melissa said she would talk to her dad. Samantha said she'd straighten everything out with her dad.

When Melissa gets back home the next day her father is extremely angry. He's upset because he's been made a laughing stock and the prestigious weapons project and Devesh's team has been taken away. Direct order from the Chief of Staff has had charges dropped on and wants the general to pursue charges against Robert.

I'm issuing in the first thing Monday morning an arrest warrant for Robert. You can't father. There just trying to use Robert as a way to shut up his brother.

"That may be but why can't I. "

You'd be arresting your grandson's father."

It takes a moment to for this to sink into the Admiral's head.

"Jesus don't you use protection."

"Apparently not enough."

"We'll what is Robert going to do about this."

"He doesn't know yet. And I don't want you to tell him."

"You know this will ruin my career. And I don't know if I have a great deal of say in the matter. But I'll think of something."

"We also need to discuss something even more important. It appears Robert's brother is right about the sky falling. And if he is you want have a career and it will matter not that I'm having Robert's baby."

"Why would the government want to go after a nut?"

"Hum."

"We'll I'm not feeling to well I'll let you come up with a solution Dad, you always do?"

Then Melissa walks out.

The general calls the head of the Honolulu times. "George, I'm calling in my favors." Sunday morning paper reads about how the Admiral was saved by Robert from an attack by a crazed scientist. It also appears in the New York times, the Boston Globe and the Los Angeles times.

Shows a picture of Devesh striking the Admiral and a testimonial of hundreds of witnesses of what happened.

"They won't be able to sweep this under the rug."

Sunday afternoon the Admiral gets a call from the Secretary of the Defense to not issue the warrant but to put Devesh on the first plane to [Kaneohe MC Air Station](#) with the Maser. He'll now be under the command of General Rager. Also to send over any backup systems.

Admiral contacts Alex and wants to talk.

Somehow, I'm not exactly sure but I seem to be suddenly here to help you.

"I need to know how certain you are about your data and how can I test it."

"Sir, I'm 100% certain and I brought a copy of my original data and the tests I've run through the supercomputers at Keck and the University. I've also include a list of scientist I know can substantiate the data."

"Well do you have a plan that will save us and what is the time frame we're talking about."

Alex hesitates, "In theory."

"Well lets hear it."

Alex tells what he knows. The admiral records it.

“If I’m to help you and your data proves correct I will give you a series of questions in the next few days that I need answers to the best of your ability.”

“But why.”

“Let’s just say I have a very personal interest in the outcome.”

The Admiral has his son fly the plane that crashes in the ocean with the supposedly with the unaccompanied backup. It is lost in +18,000 feet of water.

Samantha is having less luck with her father the governor.

Robert and Alex come up with a plan that seems possible given unlimited resources.

Everybody pleads for the Admiral to talk to the governor but he says we only have one chance to convince him. If we fail we fail. Game over before it begins. At the same time early one morning Alex comes back from a beach run and comments to Robert if the car in front of Samantha is her father’s.

A fancy 850i black BMW. Robert notices it’s not his car but the Senator who used to be her boyfriend. But he tells Alex “Yes that’s her father, must be visiting.”

Then when Alex goes in to take a shower. Robert walks over to her house as the BMW is driving down the driveway. He rings the door bell. He pounds on the door until the Spanish maid comes up from the street. He finds out that she’d arrived several hours ago and had entered and knocked on Samantha’s bedroom door. But the man inside said Samantha wasn’t ready to wake up yet. See speaks mostly Hawaiian. “They must shake the bed lots last night.”

He knocks on the bedroom door. When there is no answer he sees a naked Samantha laying on the bed. She is completely out of it. “What do you want?”

Robert enters, “Stay away from my brother you fucking drunk. He can’t handle shit like you.” He storms out slamming the front door. It’s apparent that she doesn’t even know what is happening.

When she wakes up in the afternoon. She notices the broken glass next to the door and remembers a dream about Robert confronting her about something. She asks the maid if anyone been over today and finds out that the story the maid told Robert. “She grabs a drink because she’s got an amazing headache.”

“Oh my God.”

She tries to reach Robert but only gets his machine at home and on his cell. He’s not answering.

She finally fishes out Melissa’s number and calls her to try to explain things.

“You sound drunk. I can’t talk to you like this.” Melissa hangs up on her.

She’s about to take another drink when she glances down at the morning paper. A picture of her out of control last night. She takes the bottle of alcohol and dashes it into the wall.

By now Alex has discovered the paper and wants to go over to Samantha’s for an explanation. Robert is forced to explain he saw. She’ll kill you Alex.

They start putting together the plan. Robert takes Alex to Diamond Head State Park. This is where we will begin.

We'll access the ocean floor from inside here.

Small detail they don't own it.

They prepare a package of what the final days will be. And on the CD call it "The Final Days"

Robert refinances his house and sells off all his Real State. He hires a team of researchers.

The Melissa drags her father over and sees the operation. This must cost a fortune. It does everydime I have. At the rate I'm spending we'll be broke within 3 months.

So far no response from the DVD's.

The Director of Keck calls and sends across some data on comets hitting each in a few weeks.

The Admiral is there when Alex gets the information from the Director. "That's our break."

"Nostradamus. Psychic readings. For shadowing the end of Earth. Shock and Awe!

We will schedule a demonstration that will wake these people up.

Three days after the comet strikes the earth. They send out letters to the top 500 industrialists in the world foreshadowing the end.

But we still need the Govenor. I'd talk to him but he doesn't believe a word of it and if he tells the government my career and ability to help is history.

** News announcement that a rare bat disease has been discovered in Mammoth caves of Kentucky and a system of eradication has been started.

** Government going to spend nearly 300 billion dollars to create a space safety system.

There's what's happening. The government is going to attempt to adapt the cave system. They must be using later data.

Samantha confronts Melissa at the book store.

"Melissa spots her and heads for the door."

"I haven't had a drink for 3 weeks and I will never have another drink."

"Good for you."

"Give me 5 minutes and I'll never bother you, Robert or Alex again."

"Melissa is heading out the door."

"I understand Alex gave you 5 minutes."

The door closes then a few moments later Melissa enters the room again.

"5 minutes."

“That night I was drunk. But I’ve never passed out before. They spiked my drink. Took me home and raped me.”

“Sure, Samantha. Why didn’t you press charges.”

“I did. The press showed up and I accused the Senator of raping me. But it turned out I was so drunk, I didn’t really know what happened. And he had an ironclad Alibi he was on a flight to Washington D.C. right after I left the restaurant. His personal assistant took me home that night and raped me.”

“But who would believe it.”

“I embarrassed my Dad, alienated Alex and lost all my friends.”

Melissa arranges for Alex to come to the bookstore where Samantha is waiting.

They make up. Samantha promises to get her father to the demonstration.

The first comet strikes the earth exploding over the Pacific ocean the blast can be heard from around the world the flash can be seen from seen around the Pacific rim. A second fragment actually strikes the earth in the Mediterrean killing over 10 million people along the rim.

The gas stream from the comet enters the upper atmosphere and causes the most amazing light show turning night into day.

The mood of the country has changed. The governments of the world are pushing that the disaster is over what will follow will only be light shows for the next few months.

The 500 people that has received the message has come to Jesus. They are mostly believers but how much they are willing to commit is still in doubt. Most are there the evening of the demonstration. Twilight, the bleachers on the island of Kahoolawe, the U.S. Navies Artillery testing range. A buffet is set up. There is still a glow in the sky from the gases from the comet striking the atmosphere.

Samantha has convinced her father with a lie and they arrives by Helicopter.

A 100 meters in front of the seats is a massive plate nearly a foot thick from a battleship.

The Admiral gives the speech. As you have just heard Professor McKinley refers to the attack on our planet starting like a gentle wind that grows into a tornado.

I am here to demonstrate what this is really like. He pulls out his handgun. “This is a grain of sand striking the protective covering of our atmosphere.” He aims the gun at the plate and fires a single round. There is a spark at the impact point which the cameras zoom in on. But what if instead of a single grain of sand there is a trillion grains of sand.”

I ask for a few volunteers. A number of people step forward and together. Samantha runs out from the seats her father tries to grab her. She grabs Alex’s hand and they are seen having a discussion but she insists on joining him. Together, he, Samantha, Robert, Mellissa walk behind the plate. There are cameras that show both the front and back projected on 2 big screens. Then the Admiral speaks one more time. “Remember well what you see here tonight.” He pulls out a walkie talkie, gives a command and disappears behind the shield.

There is a silence then from the distance the sound of copters coming in low over the water. They hover on either side of the stands and saddening hell breaks loose. A pair of miniguns on each copter lets loose there continual fire on the plate. The noise and sparks are awesome the crowd is terrified. A minute passes the plate glows red chunks of metal flying off the plate. Its clear that in another minute the weapons will pierce the plate.

(On the screen finally the Admiral lifts his handset but cannot communicate with the gunships.)

As the plate begins to glow from the inside. Samantha pulls a cellphone out of her pocket and the Governors phone rings. He answers. "Dad stop the firing the Admiral's phone is out."

The Govenor runs out of the bleachers and places himself within line of sight of the chopters. They notice him and stop firing.

At about that instance the great battleship plate collapses under the damage. Samantha rushes to her father.

The Governor has joined the choir as have most of the audience.

The Admiral, Robert, Alex and Melissa and the rest come back to the stands. The Admiral's walkie talkie is working again, the copters fly off. Leaving a quite somber group.

The Admiral asks, "Who's on board."

Most everyone raises there hands.

"Sorry. Samantha," says the Govenor. He realizes how much he loves his daughter.

"How can I help," says the Govenor.

The Admiral says he can reinstate the aquarium project and lease the park over to a grand new plan to link the park with the aquarium.

But really we are going to dig a tunnel to the ocean floor then excavate a huge cavern that will house up to a million people.

The very next day the Govenor by proclamation tells the legislature that he is personally using part of his fortune to turn the national park into the most amazing tourist attraction. And he says this will be my legasy. I will use my own money to boost the economy by hiring mostly Hawaiian workers for the project at a living wage. * The Hawaian economy is suffering and is expected to suffer more after the catastrophe.

The plans call for the most massive project ever seen on the planet. To put a cover over the entire crater. In theory to have an enclosed city to attract tourists. (The reality is that according to predicts there will not be enough time to finish the construction of the underground before the temperature heats up till it's catastrophic. They hope the dome will give them an extra month.

But after a week the project is running into all sorts of problems. (An Environmental group and Hawaii Islands Polynesian Culture Center has gone to court to file an injunction to stop because of failure to file an environmental impact report. The Hawaiians are saying the sight is a scared burial ground and must not be desecrated. "No wonder they almost gone extinct," says the Admiral. The Governor says he'll take care of the problem.

A chart of the progress being made shows a daily decrease in the rate of construction, the unions are balking at the hours demanding time and a half for shifts over 8 hours and double time for night shifts or they are threatening to strike.

Robert has a meeting with the Admiral. He is afraid to tell his brother Alex. Robert goes to the construction site. And finds all work has stopped. He calls over the foreman and goes ballistic.

"Why are these people not working."

"Can't."

"Are you insane. We have a deadline to complete this project within the next 3 months. It's unmoveable."

"We'll you better move it or find people that can see and breath in a cloud of dust."

Robert is confused.

The foreman drives Robert to the holes edge and shines a his flash light into it.

A dark cloud of smoke is swirling around.

"That dust takes over 2 hours to settle. The deeper we go the longer it takes. Can't move or see through it."

Robert is tramatized.

He sits there and just stares down the shaft. The foreman goes back.

He looks up into the sky and sees the daily clouds travel across the crater.

"Rain! Water!"

"He calls the foreman back to bring a fire truck over and have a couple of men over to shoot a spray of water down the shaft. The clouds strart disappearing."

They attact a hose to a bulldozer and it moves into the shaft clearing the way. Outside the shaft these giant earth movers begin to fireup and 20 minutes later the first rocks start coming out up.

He realizes that there will be an even greater problem. They have over six miles of shaft to cut. Each time moving back the equipment will kill the time.

Robert figures that every 400 meters they'd cut a nitch in the side of the shaft to move the equipment too. Next the people can't breath while the dust is there. He figures that a breathing chamber is moved into place. And people are on oxygen while working. The rail system for moving up the debrig takes to long to add tracks to. So a system of cables attached to a giant bin which the skip loader puts the debrig. Then accidents start occurring. An occasional rock disloged and comes tumbling down the shaft killing a number of people. All work is stopped for days for an investigation.

He gets constant flack from the unions and his own foreman.

He fires the foreman and the Admiral suggests he use his son to get the job done.

The first thing the Admiral's son does is make an announcement that the union rules will no longer apply. There is an initial strike. The governor moves in the national guard.

Enormous pressure is coming down on all sides. The trucks hauling away the debris is being sabotaged.

Then they get a break. The federal government grants an exemption the environmental report.

Everybody agrees that the federal government understands what is really happening. They decide to go public. They show a revised movie of what will take place. The lights have come back and at night the sky is fantastic with light.

They invite the general public into the Arena as the Crater of Diamond Head is now known as.

A massive screen is created up one side of the crater. They announce that everyone in Hawaii can come stay here but unless this is created by the deadline all this work will be for nothing.

This is broadcast across the islands. The lights are particularly assume plus another meter has explode over Europe. The shower of rocks killing a number of people. The population is now scared. The people that quite are offered there jobs back. Partically to complete an extension to the project a second tunnel will be cut from the first down about 100 meters under the beach. There a huge dome will be created to house nearly a million people. They are going to use the debris to create a damn so construction can take place then the ocean will be let in over the roof. Cold ocean water will be pumped up from the ocean floor to counter the temperature rise. Once the subterranean city 'Atlantis' is done the people will be transferred to the bottom of the ocean.

Within a week the world is drifting toward Chaos. Even though the damage so far is minimal and the world governments are still deniging everything. The broadcast and the continual bombardment is beginning to freak out everyone.

Finally by the 2nd week the government announces its own super projects at key locations around the country. They have created there own tv special. Telling about the cave system they'd are created that will house the entire nation.

The legislature led by Senator Crassius, in Hawaii wants to take charge but the Governor vetos it. They have seen the charts and thinks a better solution is dig under the water table on the island like the U.S. government is doing. They want to commender much of the equipment. Meanwhile, Alex has continued his research on the super computers at the University and knows that the governments plans will not work for a number of reasons. The biggest being that any access the watertable has with the surface will super heat the table cause a gigantic explosium destroying the table and the caves beneath them. This information, unfortunately cannot be released for fear that the U.S. government will step into and try to seave immediately the project. They will be plenty of data soon available to support this but by then it will be to late for the mainland to devise a project to save the people.

Tension is great with everyone. Arguments are breaking out between members of the group.

Finally the Admiral is relieved of command of the Naval fleet and the Commander of [Kaneohe MC Air Station](#) is put in charge. He is the government's boy.

The Admiral meets with a number of his personal friends that command several of the ships of the fleet. The Admiral is called back to Washington, D.C. but instead tenders his resignation and disappears.

A significant contingent of Marines arrives from the mainland.

The Admiral convinces the group it's time to show the legislature the information on why the water table strategy will not work.

The president tries to nationalize the national guard but cannot because they are made up of people whose interest lies on the island.

The Marines under cover of darkness with the help of the Senator's assistant land and attack the lighthouse. But Alex and Robert have already left the area for the day's work.

The Governor has been visiting his daughter. He's awakened and sees movement. Wakes his daughter and hides her in the kitchen. Samantha protests. But the Governor convinces her. "Don't worry. They're not going to hurt me. I'm leverage." They confront the Governor in the kitchen. His daughter has just been hidden.

The assistant comes in, "Where is everybody else. They work early around here." The assistant orders every inch of the place searched. The Governor smashes the assistant along side the head with a plate and heads out the door. A Marine coming up the steps at that moment is startled and fires a burst of rounds killing the Governor.

The assistant is furious. "You fool."

Search everywhere. They open all the lower cabinets and spread out throughout the house. They recover maps of the total project. But can't find anybody else."

Just as they are about to leave the assistant rubs his head again and notices the broken plate on the floor and on the shelf several stacks of plates. He stares at them for a second then grins and opens the top cabinets above the plates. Crammed inside is Samantha.

"Well, looks like we don't need the Governor if we have you."

The President has ordered the military to seize the island. The Marines have no ties to the Hawaiian mainland.

Looks like checkmate. But the Admiral has taken this scenario into account. One of the people brought on board was the biggest commercial arms dealer and stored at the site are massive amount of arms. The marines are overmatched. Next the new commander orders an air strike but two of the aircraft carriers battle groups have a meeting convincing the crew to defect. A massive battle unfolds. It appears our side is winning. The marines can't capture the sea city because of support from the Aircraft carriers.

The Marines fall back and capture the TV station. They announce that the Governor has been killed by the terrorist presently holding Diamond Head. The Senator (head of Homeland security arrives) and him and his assistance seem to be rallying the senate behind them.

The General broadcasts the video of the home invasion and explains that there is enough room for everyone in Hawaii to be saved. But if you hand over control to the states then few if any from the islands will be chosen.

An open gun battle erupts in the senate chambers.

An the Senator escapes to an unknown location and the aircraft carrier's airforce attacks the [Kaneohe MC Air Station](#). The government troops still have a force but where no body knows.

Kaulau Kaili sexually assaults Samantha but this time she is not drugged as Kaulau tells her the story in the restaurant. She is overpowered but while forcing oral sex on her she bits off his penis.

The senator clearly incharge sends Devesh with the weapon and a small contingent of marines to Moa Loa on Maui. There they set up the weapon. The scientists are rounded up and placed in one of the telescopes facility with all electricity cut.

He has told them about the attack on the lighthouse.

Then on the aircraft carrier USS Ronald Reagan a broadcast is received. The encrypted message is "Operation Thunderbolt is in place."

Also communication is received from the sea a force of B1s with Air Force one is headed toward the island to secure it.

It is night, under the lights men are moving equipment into the sea city. Under the guarding watch of the USS Ronald Reagan [carrier battle group](#). then suddenly from there is a blazing glow forming on the tower of the USS Ronald Reagan. And the sound of metal beams buckling. Second command structure deep inside the ship comes to life.

Sirens alarm. A moment later the missiles on the starboard side about the support explodes ripping the hull apart. But there is no apparent enemy. A moment later a blazing glow forms on the eastward hull of the USS Princeton followed moments later by a great explosion sending her to the bottom. There is clearly an enemy out there somewhere over the horizon but radar fails to pick it up.

Lt Commander Man (son of the General) knows that action needs to be taken immediately. This is the signature of the microbeam weapon positioned out to sea somewhere. Calls up his father stationed at the crater. "Transferring telemetrics to your

command. Commencing operation "Wrath of Kahn". "Prepare the F/A-22 RAPTOR for flight." He races toward the flight deck.

The deck is being cleared of planes in his flight path.

And a flash roar jars him off his feet. He barely notices the explosion as he jumps into his cockpit and waves back the flight crew. Then as a series of explosion sound below he guns the engines and streaks into the night sky, a trail of blue flame exploding from his engines. He turns east for an instance to the horizon nothing on the radar. Then as his father breaks com and the island of Molokai rushes beneath he turns North East to the real danger approaching from the mainland.

Meanwhile the carnage at sea continues, one by one the support ships are removed from the ocean.

From the sea suddenly appears out of the darkness nearly a dozen Mk V Special Operations Crafts moving across the water at 50knots. No longer fearing the support from sea the marines has flanked around the crater and has landed on the rocks. A bright torch is planted they scramble down toward the sea city quickly over powering the guards and men below. A 20 mm M61A2 **Vulcan** is a hydraulically driven, six-barreled, air-cooled, electrically fired Gatling gun with an extremely high rate of fire 6,600 rpm Armor-Piercing Incendiary (API), High Explosive Incendiary (HEI)) Rushing onto the beach they open fire among everyone there. The slatter is in the hundreds. Thirty armed men rush down into the sea city where over a thousand people are working. Nearly 50 acres that will eventually hold a million people temporarily. They believe that the President will arrive and they will take over the entire complex but here they will be safe that this is the main complex and thou there is not enough to support a million there is enough to support 1000.

What they don't realize is that needed equipment to create Oxygen is not yet installed and that our people will do anything to reach the sea city. The military pours out of the crater and as they approach a large explosion is hear that sends a trickle of water down the exterior of the rock dam. The invaders fallback into the complex but not without sending a signal. A green flare is sent up. Great earth movers move out along the road on top of the dam. But as they pass the first light a great shimmering hits the ground which starts to glow red then blue-white hot that explodes. The flow increases. Another truck moves forward and the path boils white again.

including the F/A-18 Hornet and F/A-18 Super Hornet strike fighters, the F-14 Tomcat fighter, the E-2 Hawkeye airborne early warning aircraft, the C-2 Greyhound logistics aircraft, the S-3 Viking anti-submarine aircraft, the EA-6 Prowler electronic warfare aircraft and the multi-role SH-60 and MH-60 helicopters.

USS Chosin (CG 65), USS Princeton (CG 59), USS Fitzgerald (DDG 62), USS Rodney M. Davis (FFG 60) and USS Bridge (AOE 10).

USS Thomas S. Gates (CG 51)

The assault force movies inside sea city and closes the doors. Trapped inside 200 arces are nearly a 1000 workers and scientists.

The assault force numbers about 30. Review of the video shows the force. Our side gathers an assault force to come up the tunnels but as they can move down the tunnel a series of explosions catches them unaware. Sealing the only connection.

The F22 has locked onto Air Force One and a finger of laser light touches it. A moment later in an instance the hull turns blue-white and the plane explodes. Another finger touches another plane and another plane explodes. The F22 is told to abandon its mission and head to Moa Loa on the island of Maui at full speed. Every second counts. Two other F22's from the assault force take out after him. We are flying at nearly Mach3. And as he climbs the mountain and crests he sends out a beam of light that strikes our observatory. A moment later the beam striking the breakwater stops and everyone sees an explosion off in the distance. Our pilot is hotly pursued and takes evasive action by swooping down the back side of the mountain out of radar or visual site. He sweeps around the mountain drops his speed below sonic and reemerges a beam of light focused on the first pursuit F22. It explodes then as the second F22 locks onto our guy. It also is disintegrated.

The sea city excavation pit is quickly filling up with water. Its dome is nearly covered.

Alex tells the general it will take nearly a week to drain the pit if it reaches the top of the sea city structure. And if the pit fills we might as well kill ourselves as a species. Robert points out the generator that was in the process of being moved into the sea city. The water is about 3 feet down. If that generator is destroyed we will never be able to drain this pit.

The General turns on the sea city speakers and begins speaking. Attention to every living soul inside the dome. I know you Marines had a job to do and are holding out for the President. He is not going to make it. By our best count there are no more than 30 of you. Inside that structure at the moment is nearly a 1000 people. They will have to be sacrificed within the next hour to stop the water level from reaching that generator you passed on the beach. Without it the pit will not be able to be drained nor the nearly 1 million left of the human race. That we cannot allow. The 200 acres makes up nearly 100 million cubic feet of water that can slow the rate of fill to the point that we can block the holes in the barrier. There are two Chinook helicopters that are inside the Crater. They are to use the lift the moving equipment itself to carry a tractor as stones. We have turned the power on flow turbine to help slow the fill of ocean water. It requires you inside to activate the power. The clock is ticking - very fast. Maybe 20 minutes then we pull the plug.

If the invaders are still in control then we will break the roof to stop the waters reaching the generator.

Inside the workers realize what must be done. There are no weapons but lots of mining equipment. They fill a few bulldozers with fuel and drop in several oxygen canisters. Then they move through the complex to where the invaders are set up. 10 trackers move out.

There machine guns are useless against these bulldozers but grenades are not lobed over the killing the drivers. But behind them are nearly a thousand people. Another jumps in to take his place. The invaders are backed as they approach on feet one of the dozers are exploded and a stream of burning gasoline sprays them. A few invaders breaks beyond the barrier but as there machine guns run out the crowd swarms over them and tears them apart. At this time the Chanock hoovers over the dome then the turbines come alive. "Stand down. Get to the barrier quick"

The microwave weapon turned on full at the gap a vaporizing blast holds back the water. Its power will soon overheat. The wall is beginning to give.

The Chanock moves off toward the barrier and drops its load into the flow. The barrier holds. Along the top a bulldozer moves into the gap the drivers jumps from the cab. Behind another dozers follows in the path. The water slows to a trickle. Behind another dozer this with a load of rocks moves into place and dumps its load. The immediate danger ends.

Back at the hideout Samantha is being held by the assistant. When the HomeLand security senator leaves with the Marines he tries to take advantage of Samantha. She resists and he knocks her semi conscious. Her arms are still tied but he undoes her legs. As he puts he dick in her mouth she bites it off. He bleeds out. She is able to remove the bonds and escapes. She feels good about the world again as she makes her way back toward the crater.

The workers in sea city continuing there work as the pit drains. The sea barrier is reinforced further. The tunnel connecting the two is escavated and as the earth moves around the sun into the cloud the atmosphere supper heats up. The doors to the crater are closed and the sea is pumped back into sea city. Down below 17,000 feet a area the size of 640 football fields or 1 sq mile. It is also 100 feet high. The sky is now as bright as the sun. The surface temperature is nearly 140 degrees. As the water fills the pit oxygen is generated from the power of turbines. A massive underground farm is created, terraced at the bottom of the world. If man has any chance to survive they will have to work together as if each member were one of the family.

Hopefully sea city will last long enough for completion of the permanent structure 3 miles under the earth. Cold water from the ocean floor is continually being pumped into the pit.

Man was given a slim chance.