

1: United States Cable TV Market Research Reports & Analysis page 1

The International Society of Automation (www.enganchecubano.com) is a nonprofit professional association that sets the standard for those who apply engineering and technology to improve the management, safety, and cybersecurity of modern automation and control systems used across industry and critical infrastructure.

Health, Safety and Archeology. Old Cemeteries, Arsenic, and Health Safety. Cultural Resource Management, Vol. Health Effects of Monochloramine in Drinking Water. Health A15 3 John Meade has 25 years of experience in the environmental field including sales of environmental chemical laboratory services, client services, project management, laboratory analysis, field sampling, asbestos abatement, industrial hygiene, consulting, and handling hazardous waste. He has knowledge of all aspects of the environmental laboratory. He possesses excellent leadership skills and is highly skilled with internal and external customer relations. Mr Meade has been working on International projects for the last 7 years. Currently, Mr Meade oversees two large projects in Chile and Iraq. He assisted in the set-up and operations of STL Ecuador. He has developed documents for shipping to and from over 30 countries worldwide and provides clients with key logistical support on a daily basis. Methods , , , and are new methods in SW by the U. Mark Bruce has over 35 years of environmental analytical chemistry experience in academic and commercial laboratories. He has led method development and modification projects for both organic and inorganic analyses, which include arsenic speciation, methyl mercury, low-level mercury, vapor space organics, leaching and incremental sampling methodology ISM. He also has experience developing custom cleanup methods to address sample specific interferences. As Corporate Technical Director, Dr. His method development work has involved incremental sampling methodology, mercury, metals speciation and organic extractions. His duties include implementing new technology, improving existing methods, and leading technical groups within TestAmerica. He has over thirty years of experience in analytical chemistry in academic and commercial laboratories. His work has involved bringing new perspectives to detection limits, calibration, quality assurance and quality control, and method development. He received his B. Professional Activities On August 14, , Dr. This procedure, pioneered by Dr. Burrows and further developed under his leadership in association with an EPA sponsored Federal Advisory Committee, is intended to replace the current method detection limit MDL procedure found in Title 40 of the Code of Federal Regulations. Berg has 14 years of experience in molecular biology. As a Senior Molecular Biologist, he provides consultation to clients in issues related to molecular diagnostics and allergen detection. Berg earned his Ph. Berg has peer-reviewed publications, thesis publications, and various poster presentations, which include: Aminoacyl-tRNA synthetases are required for reproductive development in Arabidopsis. Functional analysis of essential genes using epitope-tagging. Essential genes with unknown functions. Ariunaa Jalsrai has 15 years of experience in mycology and has been working in the environmental testing industry for 7 years. Her expertise is in fungal taxonomy and microbial ecology. As a senior mycologist, she provides consultation to clients in issues related to mycology. Jalsrai earned her Ph. Publications Ariunaa Jalsrai Mongolian mined land and reclamation. International Symposium "Land Reclamation", Beijing. Distribution of Deuteromycetes in different soils of Mongolia and their taxonomy. Timothy Knollmeyer Regional Service Center Manager, TestAmerica Timothy Knollmeyer has 21 years of experience in the environmental laboratory industry that includes extensive experience in the analyses of soil, air, and water by Gas Chromatography. Working in the Mobile Lab division, Mr. He has experience in the analyses of metals by X-ray Fluorescence. In addition to these common tests, Mr. Knollmeyer has trained significantly in Polymerase Chain Reaction PCR instrumentation, and deployed a field laboratory to test for known anthrax contamination. He is responsible for the oversight of the Mobile Laboratory group and the issuance of quotations for Mobile Lab jobs.

2: Melvin Bornstein | Open Library

Open Library is an initiative of the Internet Archive, a (c)(3) non-profit, building a digital library of Internet sites and other cultural artifacts in digital form.

Norse journeys to Greenland and Canada are supported by historical and archaeological evidence. Contact between the Thule people ancestors of the modern Inuit and Norse between the 12th or 13th centuries is known. Sweet potato has been radiocarbon-dated in the Cook Islands to CE, and current thinking is that it was brought to central Polynesia c. It is possible that the plant could successfully float across the ocean if discarded from the cargo of a boat. Before this it was thought that Peruvian mummies were naturally preserved. The sewn-plank canoes crafted by the Chumash and neighboring Tongva are unique among the indigenous peoples of North America, but similar in design to larger canoes used by Polynesians for deep-sea voyages. If it occurred, this contact left no genetic legacy in California or Hawaii. This theory has attracted limited media attention within California, but most archaeologists of the Tongva and Chumash cultures reject it on the grounds that the independent development of the sewn-plank canoe over several centuries is well-represented in the material record. The genetic link between the South American Mapuche to whom the chickens were thought to originally belong [21] chicken bones and South Pacific Island species has been rejected by a more recent genetic study which concluded that "The analysis of ancient and modern specimens reveals a unique Polynesian genetic signature" and that "a previously reported connection between pre-European South America and Polynesian chickens most likely resulted from contamination with modern DNA, and that this issue is likely to confound ancient DNA studies involving haplogroup E chicken sequences. Chicken bones found at the site El Arenal in the Arauco Peninsula, an area inhabited by Mapuche, support a pre-Columbian introduction of chicken to South America. Dutch linguists and specialists in Amerindian languages Willem Adelaar and Pieter Muysken have suggested that two lexical items may be shared by Polynesian languages and languages of South America. One is the name of the sweet potato, which was domesticated in the New World. According to Adelaar and Muysken, the similarity in the word for sweet potato "constitutes near proof of incidental contact between inhabitants of the Andean region and the South Pacific", though according to Adelaar and Muysken the word for axe is not as convincing. The authors argue that the presence of the word for sweet potato suggests sporadic contact between Polynesia and South America, but no migrations. These skulls originated from Mocha Island, an island just off the coast of Chile in the Pacific Ocean, formerly inhabited by the Mapuche. This was based on an analysis of fourteen skulls. The research team examined various scenarios, none of which they could say for certain were correct. They dismissed a scenario of direct contact in prehistory between Polynesia and Brazil as "too unlikely to be seriously entertained. These "Na-Dene" peoples, who share many linguistic and genetic similarities not found in other parts of the Americas, populated the far north of the Americas and only made it as south as Oasisamerica. Bronze working had not been developed in Alaska at the time and suggest the bronze came from nearby Asia—possibly China, Korea, or Russia. Also inside the house were found the remains of obsidian artifacts, which have a chemical signature that indicates the obsidian is from the Anadyr River valley in Russia. The study suggests that the contact could have been trans-oceanic or a late-stage coastal migration that did not leave genetic imprints in North America. Gordon Ekholm, who was an eminent archaeologist and curator at the American Museum of Natural History, suggested that the Olmec art style might have originated in Bronze Age China. In artifacts identified at the time as Chinese coins were discovered in British Columbia. A contemporary account states that: Columbia, thirty Chinese coins in the auriferous sand, twenty-five feet below the surface. They appeared to have been strung, but on taking them up the miner let them drop apart. The earth above and around them was as compact as any in the neighborhood. One of these coins I examined at the store of Chu Chong in Victoria. Neither in metal nor markings did it resemble the modern coins, but in its figures looked more like an Aztec calendar. So far as I can make out the markings, this is a Chinese chronological cycle of sixty years, invented by Emperor Huangti, BCE, and circulated in this form to make his people remember it. In, a vase containing similar discs was also discovered, wrapped in the roots of a tree

around years old. Although Chinese mapmakers placed this territory on the Asian coast, others have suggested as early as the s [50] that Fusang might have been in North America, due to perceived similarities between portions of the California coast and Fusang as depicted by Asian sources. These sometimes called the Palos Verdes stones were initially thought to be up to years old and proof of pre-Columbian contact by Chinese sailors. Later geological investigations showed them to be a local rock known as Monterey shale , and they are thought to have been used by Chinese settlers fishing off the coast in the nineteenth century. Also part of the research team was Robert J. The report is the first evidence that metal from Asia reached prehistoric North America before the contact with Europeans, stating that X-ray fluorescence identified two of these artifacts as smelted industrial alloys with large proportions of tin and lead. The presence of smelted alloys in a prehistoric Inuit context in northwest Alaska was demonstrated for the first time and indicates the movement of Eurasian metal across the Bering Strait into North America before sustained contact with Europeans. This is not a surprise based on oral history and other archaeological finds, and it was just a matter of time before we had a good example of Eurasian metal that had been traded [Locally available metal in parts of the Arctic, such as native metal, copper and meteoritic and telluric iron were used by ancient Inuit people for tools and to sometimes indicate status. Two of the Cape Espenberg items that were found " a bead and a buckle " are heavily leaded bronze artifacts. Both are from a house at the site dating to the Late Prehistoric Period, around AD, which is before sustained European contact in the late 18th century. It resembles a buckle used as part of a horse harness that would have been used in north-central China during the first six centuries before the Common Era. Kory Cooper, Associate Professor of Anthropology. Chronological and other problems have led most archaeologists to dismiss this idea as implausible. Alaskan anthropologist Nancy Yaw Davis claims that the Zuni people of New Mexico exhibit linguistic and cultural similarities to the Japanese. Davis speculates that Buddhist priests or restless peasants from Japan may have crossed the Pacific in the 13th century, traveled to the American Southwest , and influenced Zuni society. Such Japanese ships landed from the Aleutian Islands in the north to Mexico in the south, carrying a total of persons in the 23 cases where head-counts were given in historical records. In most cases, the Japanese sailors gradually made their way home on merchant vessels. In a dismasted, rudderless Japanese ship crashed near Cape Flattery. While admitting there was no definitive proof of pre-Columbian contact between Japanese and North Americans, Wickersham thought it implausible that such contacts as outlined above would have started only after Europeans arrived in North America. This suggestion was generally disregarded but a study claimed to have found carbonized remains that date to BCE and appear like seeds of custard apple. He wrote *Elephants and Ethnologists*, a book on the topic in Contemporary archaeologists suggested that it was based on a tapir and his suggestions have generally been dismissed by subsequent research. The object has been claimed by some to represent a Mukthaphala , an imaginary fruit bedecked with pearls. Proposed claims for an African presence in Mesoamerica stem from attributes of the Olmec culture, the claimed transfer of African plants to the Americas [71] , interpretations of European and Arabic historical accounts and certain genetic studies of Mexican populations. Mulan Pi is normally identified as Spain of the Almoravid dynasty Al-Murabitun , [83] though some fringe theories hold that it is instead some part of the Americas. Gordon believed that Phoenicians and other Semitic groups had crossed the Atlantic in antiquity, ultimately arriving in both North and South America. Solutrean hypothesis Examples of Clovis and other Paleoindian point forms, markers of archaeological cultures in northeastern North America The Solutrean hypothesis argues that Europeans migrated to the New World during the Paleolithic era, circa 16, to 13, BCE. This hypothesis proposes contact partly on the basis of perceived similarities between the flint tools of the Solutrean culture in modern-day France, Spain and Portugal which thrived circa 20, to 15, BCE , and the Clovis culture of North America, which developed circa BCE. The Bay of Jars in Brazil has been yielding ancient clay storage jars that resemble Roman amphorae [] for over years. It has been proposed that the origin of these jars is a Roman wreck, although it has been suggested that they could be 15th or 16th century Spanish olive oil jars. Romeo Hristov argues that a Roman ship, or the drifting of such a shipwreck to the American shores, is a possible explanation of archaeological finds like the Tecaxic-Calixtlahuaca bearded head from ancient Rome in America. Hristov claims that the possibility of such an event has been made more likely by the discovery of

evidences of travels from Romans to Tenerife and Lanzarote in the Canaries , and of a Roman settlement from the 1st century BCE to the 4th century CE on Lanzarote island. Tecaxic-Calixtlahuaca head A small terracotta head sculpture, with a beard and European-like features, was found in in the Toluca Valley , 72 kilometres southwest of Mexico City in a burial offering under three intact floors of a pre-colonial building dated to between and The artifact has been studied by Roman art authority Bernard Andreae, director emeritus of the German Institute of Archaeology in Rome, Italy, and Austrian anthropologist Robert von Heine-Geldern , both of whom stated that the style of the artifact was compatible with small Roman sculptures of the 2nd century. If genuine and if not placed there after the pottery found with it dates to between and [] the find provides evidence for at least a one-time contact between the Old and New Worlds. Smith, [] John Paddock, a leading Mesoamerican scholar, used to tell his classes in the years before he died that the artifact was planted as a joke by Hugo Moedano, a student who originally worked on the site. Though he remains skeptical, Smith concedes he cannot rule out the possibility that the head was a genuinely buried Post-classic offering at Calixtlahuaca. He is best known today because of a modern legend that he took part in explorations of Greenland and North America almost years before Christopher Columbus. The authors Robert Lomas and Christopher Knight believe some carvings in the chapel to be ears of New World corn or maize. Knight and Lomas view these carvings as evidence supporting the idea that Henry Sinclair travelled to the Americas well before Columbus. Some have conjectured that Columbus was able to persuade the Catholic Monarchs of Castile and Aragon to support his planned voyage only because they were aware of some recent earlier voyage across the Atlantic. Whether he actually did this and what island he visited, if any, is uncertain. Columbus is thought to have visited Bristol in He discusses the then-current story of a Spanish caravel that was swept off its course while on its way to England, and wound up in a foreign land populated by naked tribesmen. The crew gathered supplies and made its way back to Europe, but the trip took several months and the captain and most of the men died before reaching land. Columbus was a good friend of the pilot, and took him to be treated in his own house, and the pilot described the land they had seen and marked it on a map before dying. Great Ireland Saint Brendan and the whale. From a 15th-century manuscript. The legend of Saint Brendan , an Irish monk, involves a fantastical journey into the Atlantic Ocean in search of Paradise in the 6th century. Since the discovery of the New World, various authors have tried to link the Brendan legend with an early discovery of America. While most scholars consider this legend to be untrue, it was used as justification for British claims to the Americas, based on the notion of a Briton arriving before other European nationalities. Claims of contact have often been based on occurrences of similar motifs in art and decoration, or on depictions in one World of species or objects that are thought to be characteristic of the other World. Famous examples include a Maya statuette claimed to depict a bearded man rowing, a cross in bas-relief at the Temple of the Cross in Palenque. The Palenque "cross", for instance, is almost certainly a stylized maize plant. In , an Italian botanist, Domenico Casella, suggested that a depiction of a pineapple was represented among wall paintings of Mediterranean fruits at Pompeii. According to Wilhelmina Feemster Jashemski , this interpretation has been challenged by other botanists, who identify it as a pine cone from the Umbrella pine tree , which is native to the Mediterranean area. The initial discovery was made by a German toxicologist , Svetlana Balabanova, after examining the mummy of a priestess called Henut Tau. Follow-up tests of the hair shaft, performed to rule out contamination, gave the same results.

3: Top News, U.S. News, International News, and Analysis - www.enganchecubano.com

The National Hurricane Center analyzes features south of 31° N in the Atlantic (including Florida, Mexico and the Gulf of Mexico) and south of 30° N in the Pacific Ocean. However, surface observations outside of WPC's area of responsibility are still depicted.

Driven by increased consumer spending and the rapidly growing number of total internet connections, revenue for the E-Commerce and Online Auctions industry is expected to rise. The growth in this industry is aided in part by the increasing internet traffic volume, which is a good measure of internet use, rising per Buyer. Buyers include government agencies, wholesalers and retailers. Supply chain management software typically includes purchase order and inventory management, as well as input sourcing management. This report excludes open-source supply chain management. As a result, over the five years to 2010, the industry has grown at an annualized rate of 12.5%. This industry excludes media and software that is streamed or downloaded online. This report covers the scope, size, disposition and growth of the industry including the key sensitivities and success factors. Services include a broad range of business-to-business offerings that can be further divided into financial communication, corporate governance advisory services and products for investor information and Latent demand in millions of U.S. dollars. For each city in question, the percent share the city is of its state and of the U.S. For each city in question, the percent share the city is of its state and of the U.S. For each city in question, the percent share the city is of its state and of the U.S. Read More U.S. The report features current and forecast estimates on the sales of Gambling machines sold through Spectator sports nationally and for all 50 U.S. States and up to metro areas. The report features current and forecast estimates on the sales of Pari-mutuel sports gambling sold through Spectator sports nationally and for all 50 U.S. States and over metro areas. Other data include financial ratios, number of firms, payroll, industry. The elements of AFC system are: AFC machine is the equipment used in the automatic fare collection system. Ticket vending machines TVMs, where passengers can buy a ticket for their journey. Ticket office. Each vendor in the market has different service lines such as standard delivery and economical delivery under the same-day delivery categories. Global A complete market research report, The market study also includes insights on segmentation by industry sector consumer goods and retail, AFF and energy, medical and healthcare, business services, machinery, IT, electronics, and telecommunications, and others and The continuous evolution of pharmaceutical products is encouraging the manufacturers to focus on enhancing their product portfolio. The pharmaceutical logistics market

4: Automation Basics: P, I, and D together, separately control the process - ISA

U.S. dollars), or potential industry earnings (P.I.E.) estimates are given across some 12, cities in the United States. For each city in question, the percent share the city is of its state and of the.

Programming industry in the United States. This report is utilized for a range of strategic purposes, including benchmarking, due diligence, cost The decline of an estimated , subscriptions The decline of an estimated , subscriptions in Advertising expenditure has grown during the period, bolstering a key revenue stream for the industry, while an increase in per capita disposable income has boosted consumer spending on premium networks. In alone, revenue is projected to rise due almost entirely to price increases. Synopsis Essential resource for top-line data and analysis covering the United States media market. Includes market size and segmentation For each city in question, the percent share the city is of its state and For each city in question, the percent share the city is of its state and of the The decline of nearly 3. Forecast segmentation reflects the three major market segments: Read More U. States and up to metro areas. The report features current and forecast estimates on the sales of Cable and other - Multichannel programming distribution services analog and digital sold through Wired telecommunications carriers nationally and for all The report features current and forecast estimates on the sales of Cable and other - Multichannel programming distribution services - Premium programming package sold through Wired telecommunications carriers nationally and Licensing of rights to broadcast radio programs Radio program rights. The report features current and forecast estimates on the sales of Licensing of rights to broadcast radio programs Radio program rights. The report features current and forecast estimates on the sales of Air time - Television or cable - Network compensation sold through Cable and other subscription programming nationally and for all The report features current and forecast estimates on the sales of Licensing of rights to distribute specialty programming content sold through Cable and other subscription programming nationally and for all 50 U. States and up to States and up to metro Cable and other - Multichannel programming distribution services - Basic programming package Include startup and reconnect fees. The report features current and forecast estimates on the sales of Cable and other - Multichannel programming distribution services - Basic programming package Include startup

5: Pre-Columbian trans-oceanic contact theories - Wikipedia

PRELIMINARY ZONING ANALYSIS Planning Commission Hearing Date: November 6, south of Dallas Highway p i d C l s e H o l y O a k s D r A s h m o r e H a l l D r.

It was pursued by nine pirates firing from a speed boat. The tanker, however, was able to increase speed and execute evasive manoeuvres. After several approaches the speed boat aborted the attack. There were no injuries on board the LNG tanker and it was able to proceed to Bonny Port accompanied by a security vessel.

Assessment and Analysis This was the fourth attack on a merchant ship off Bonny Island in less than two months. Pirates boarded the vessel and kidnapped 11 crew members. A month before, on September 25, a vessel was approached by a speed boat with seven people on board. Shots were fired in the direction of the vessel before the attack was broken off. The incident took place nautical miles nm southwest of Bonny. The Centre recorded 41 incidents in the period January to September compared to just 20 in the whole of All waters in and off Nigeria and the wider Gulf of Guinea should be seen as dangerous. Vessels in offshore and inshore waters are at risk. Attacks typically involve armed assailants coming alongside and climbing aboard using ladders, ropes and hooks. Vessels in the area should exercise extreme caution and keep strict watches, especially at night.

Assessment and Analysis The attack took place some 35 nautical miles east-southeast of the the Singapore Strait. At least four vessels were the targets of boardings or attempted boardings while underway in the Strait in the first six months of Perpetrators have sometimes been armed with knives and machetes. Ships should remain vigilant when sailing in the Singapore Strait and southern waters of the South China Sea, especially when close to the coast. An alarm should be raised if small vessels make a suspicious approach. A further warning flare was fired and that skiff also turned away. UKMTO has also carried details of another suspicious approach in the Strait, this time by three small boats on November 1 at around local time. They approached within a few hundred metres of a merchant vessel before pulling back

Assessment and Analysis The southern Red Sea, Bab-el-Mandeb Strait and Gulf of Aden remain a high risk area and vessels should exercise caution. Threats to shipping come from piracy and from violence associated with the unresolved war in Yemen. The situation is fluid and can change rapidly. Ship operators should carry out risk assessments for each voyage using the latest threat information. They are also reported to have taken four of the crew hostage. Unconfirmed reports say the four seafarers taken from the tug were transferred to the hijacked product tanker. Reports say the LPG tanker came under fire. The bunkering operation was immediately broken off and the LPG carrier was able to reach safe waters. One of the crew is said to have been injured.

Assessment and Analysis There has been a spike in pirate activity off the West African coast. On September 22 pirates boarded a bulk carrier 45 nautical miles nm southwest of Bonny Island in the Gulf of Guinea and seized 12 seafarers. There have also been reports in recent weeks of armed intruders boarding vessels in the Pointe Noire anchorage in the Republic of the Congo. Waters in the Gulf of Guinea and now further south along the West African coast should be seen as dangerous. Vessels in the area should exercise extreme caution and keep strict watches and monitor the approach of any suspicious craft. Nine crew members remain on board and are reported to be unharmed. The Nigerian Navy, meanwhile has begun an investigation and search and rescue operations are underway. The kidnapped crew members are from Poland, Ukraine and the Philippines. According to Polish media reports the pirates boarded the container ship from two motorboats.

Assessment and Analysis This is the second crew abduction in waters off Nigeria in a little over a month. On September 22 pirates boarded a bulk carrier 45 nautical miles nm southwest of Bonny Island and seized 12 seafarers. The hostages have since been released. Three days after that attack a merchant vessel came under fire from a speedboat nm off Bonny Island. The speed boat broke-off the attack after a local security vessel closed in. In April, 12 crew members were kidnapped from a general cargo vessel as it prepared to enter Port Harcourt and in February four crew members were kidnapped in an attack on a refrigerated cargo ship reefer of Bonny Island. In the meantime there continue to be reports of intruders boarding, or attempting to board, vessels in Lagos ports and anchorages. Attacks on shipping off Nigeria and in the wider Gulf of Guinea are continuing with concerning regularity. Attacks typically involve armed assailants coming alongside in small

boats and climbing aboard using ladders, ropes and hooks. When under attack, evasive action and the use of citadels have sometimes proved to be effective as countermeasures. The warning said they would be using unmarked blue and white motorbanca known locally as jungkong. Assessment and Analysis Abu Sayyaf, a Philippines-based group claiming allegiance to so-called Islamic State, has a record of kidnapping crews for ransom. Malaysia, the Philippines and Indonesia operate coordinated naval patrols and have established Transit Corridors to help counter the threat. ReCAAP issued a warning in May that attacks might be imminent and in a report published in January reiterated its advice that ships should try to re-route to avoid the Sulu and Celebes seas. If that was not possible, it said, crews should exercise extra vigilance and be ready to report any suspicious activities to the authorities. They were spotted on the forecastle of the vessel shortly after midnight local time on October A crew member making routine rounds raised the alarm and the rest of the crew were mustered. The authorities were informed and a police vessel searched the waters around the tanker. There were no reports of arrests. Assessment and Analysis This was the second report of armed intruders boarding a vessel in the Pointe-Noire anchorage in less than a month. In late September two suspected robbers, reportedly armed with knives, were seen on the deck of a merchant vessel around midnight. They fled when the alarm was raised. Reports of intruders boarding vessels in the Pointe-Noire anchorage had been falling away. Although intruders have been armed they have seldom confronted crew members and have generally fled once an alarm has been raised. Ships in the Pointe-Noire Anchorage should be vigilant about maintaining watches especially during the hours of darkness. The incident took place in the Muara Berau anchorage shortly after midnight on October By the time crew members had moved towards the forecastle to investigate the intruders had gone. The incident was reported to the local authorities. A search of the vessel showed that some stores had been stolen. Assessment and Analysis There has been a year-on-year increase in the number of incidents reported at anchorages off Samarinda in the Indonesian state of East Kalimantan. That compared to just four incidents off Samarinda in the same period the year before. Perpetrators are sometimes armed with knives and machetes and although there have been cases where crew members have been threatened, violence is rare. They usually board at night. Bulk carriers are almost always the targets. There are a cluster of coal ports around Samarinda and delays in loading have left many bulkers riding at anchor for prolonged periods. Ships anchoring in the area should be careful not to relax their watches and to report all suspicious sightings to the authorities. The tanker was in the Lagos Secure Anchorage when a crew member saw a speedboat close to the anchor chain. Around five people armed with guns were using hooks in an attempt to board. The crew member raised the alarm and shouted at the would-be intruders. Reports were made to the local authorities and a patrol boat was sent to see if it could assist. A search of the tanker found no evidence that anything had been stolen. Assessment and Analysis This was the second report of intruders operating in the Lagos Secure Anchorage in less than a week. Three days before two intruders were spotted by a watchman on-board another product tanker. The intruders fled once they knew an alarm had been raised. Both incidents took place during darkness. Many other cases of illegal boarding are believed to go unreported. Vessels visiting Lagos should take extra precautions. Crew members should maintain a good visual and radar watch for the approach of small craft. If possible, ships at anchor or at berth should illuminate their sides. Ladders and ropes should be secured and stowed away. Watching keepers should be especially vigilant at night. The shots came from an unidentified skiff. An armed security team AST on board the merchant ship returned fire and the attack was broken off. The attack took place some nautical miles nm east of the Somali capital Mogadishu. UKMTO, which acts as a bridge between the shipping industry and security forces, gave no further details. In February a chemical tanker came under fire from two skiffs nm from the Somali coast. Security guards fired back and the attackers withdrew. In March another tanker came under fire, again from two skiffs. In some cases, items such as lube oils or chemicals have been duplicated in the stores list, such that when quantities are checked by customs, fines are imposed for the apparent shortage. These shortages do not exist in reality, but are difficult to prove in retrospect.

6: Protestantism by country - Wikipedia

P&I is accepting late responses to the annual investment management consultants survey. Firms providing investment advice and related services to institutional investors are eligible.

P, I, and D together, separately control the process June P, I, and D together, separately control the process The PID control algorithm is the combination of three methods of control. The most basic continuous control mode is proportional P control where the controller output is algebraically proportional to the error signal to the controller. The controller tells the process to heat up by a proportion of those 10 degrees, which sends a new error signal that may now be only eight degrees because of the previous "heat up" direction. Proportional control is the easiest of the continuous controllers to tune, that is, there is only one parameter to adjust. It also provides good stability, very rapid response, and is relatively stable dynamically. Proportional control has one major disadvantage, however. At steady state, it exhibits offset; that is, there is a difference at steady state between the desired value or set point and the actual value of the controlled variable. Integral control Integral I control is really an integration of the input error signal. In effect, this means the value of the manipulated variable changes at a rate proportional to the error. Thus, if the deviation doubles over a previous value, the final control element moves twice as fast. When the controlled variable is at the set point no deviation, the final control element remains stationary. In effect, this means at steady state, when reset control is present there can be no offset. The steady-state error must be zero. Recalling your calculus, one knows an integral is the area underneath the plot of the curve of the error signal or the controlled variable vs. As that area between the curve and the set point gets smaller, the contribution of integral term in the PID becomes smaller and eventually zero when the controlled variable equals the set point. Integral control action usually combines with proportional control. The combination is proportional-integral PI control. The combination is favorable in that some of the advantages of both types of control are available. The advantage of including the integral mode with the proportional mode is the integral mode eliminates offset. Typically, there is some decreased stability due to the presence of the integral mode; that is, the addition of the integral mode makes the total loop slightly less stable. Derivative control Recall a derivative D of curve is the rate of change or the slope of that curve at a point on the curve. So look at the error signal as we did before, and one can see this term of the PID algorithm is rate of change slope of the error curve. We would never use control based solely on the rate of change of the error signal because, if the error were huge but unchanging, the correction would be zero. Thus, derivative control usually works in combination with proportional control. By adding derivative mode to the controller, "lead" is added in the controller to compensate for "lag" around the loop. Almost any process has lag around the loop, and, therefore, the theoretical advantages of lead in the controller are attractive. The addition of rate control to the controller makes the loop more stable if it is appropriately tuned. Since the loop is more stable, the proportional gain may be higher, and thus it can decrease offset more than can proportional action alone. It does not eliminate offset. In three-mode control-PID control-we have the most complex controller algorithm that is available routinely. It gives rapid response and exhibits no offset, but it is very difficult to tune. As a result, it is useful for only a small number of applications, and it often requires extensive and continuing adjustment to stay properly tuned and when properly tuned it offers very good process control. Nicholas Sheble nsheble isa.

7: The 25 Places you Must Visit in South America | WORLD OF WANDERLUST

Seattle local news, traffic, weather, business news, sports, real estate, photos and events.

8: Maritime Threats and Incidents

The MSCI Emerging Markets Latin America Index was launched on May 31, Data prior to the launch date is back-tested data (i.e. calculations of how the index might have performed over that time period.

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Phylogenetic analysis supports the hypothesis of at least two separate introductions of sweet potatoes from South America into Polynesia, including one before and one after European contact. [13] (see also #Linguistics.).

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