ALIEN CITY ON MARS?

STAR TREK: THE NEW MOVIE X-FILES: BEHIND THE SCENES





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First Word Fighting for U.S. patent rights Communications Francis Cashing in on collect/bles Electronic Universe Medicine Sounds END **By Melatin Merson** Virtual Bealities Artificial Intelligence Mind

Spece By Stephen L. Gillet Lurar lave tubes







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Opening the X-Piles By Dawel Rischoff Mulder and Souly know something is out there—and so do the many tans A behindthe isoenak book at the tan onating and increasingly popular revealed

ArchiTrek:

Designing Generations By Homan Zemornan and Philip Thomas Edgorty Boldy going when few.production dissigners have gone before designing the Star Tret

> Piction: Dvina

By Mohael Marshal Smith 73

Cartoon Feature

Flichard Hongland

A close-up look at the man befand

> Antimetter 113 Garrent

By Scott Marrie

FIRST WORD

INVENTING AMERICA: Patent laws and the protection of individual rights

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COMMUNIC/ATIONS

READERS' WRITES:

Weaving dreams, finding a cosmic connection, and if an E T burps in space, would we hear it?

Kudos for the Dream Weave

The article Lucid Determing Revised's Egglaration (1964) Gauget my attention (In) very faccitated with ofname, and trading the article. I realized the finance meding the article. I realized with the beside of the sense of the sense I new have a botther understanding of Deter was also in tensech in the sense I new have a botther understanding of them dataphane Lalisege the brain the them does need the sense I hand it. Hopes to read more about lash I. Hopes to read more about blongen Lucid cheming trajenses in the sense of the sense of the sense I hand the fit of the sense of the sense Laborgen Lucid cheming trajenses in

> David Andrews Hunitock Dreek, PA

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> Prancis J. Marcenst. Ph.D. Memt: Island. R.

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Steve LaPerke San Francisco, CA

Gen't Get Encuch LIFOx

Please control year series on UPCs (April through Bosterber 1944) I that the table quite interesting and stropable The articles seen to be takened and well-responded. I have not been following the UPC plenomenon for a number of years subopt when an ancile appears in your traggation. These last the visious two been a real head.

David Kruse San Antonio, TX AGL AceDeuce

Got accenting to any but no firm to white Call (doi) 285-5663. Your comments will be recorded and may appoor in an apporting lease of Charr. The cost for the call a 55 carea per emutal, You must be age 16 or dida. Touch does phrans cirtly Sponsord by Pue Entertionnent, 365 South Savety Deas, Sub 977, Berein Hills, CA 20/21.

FUNDS

KIDS' JUNK: The new wave in collectibles

By Linda Marsa

By Boomers were the generation their reluxed they to marching lockateo into indole aga, hey'ns all bying to drave of the revensibility by bying back their childhood hueing a speculative bring in collections of popular culture icons damig back to the 1900 and 1900

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It fact, collectors can debate for hours about such subdetea Price are far more munches bet items in less than factory finance collate. Bis observed the immaging investment of the second far manuage and execution of the for manuage and execution of the for manuage and execution of the former and the second of the worthe are more and provided worthers in the Area and the international and the second test the area of the second and the test of the second and the test of the second and the second test of the second and the test of the second and the test of the second and the second and the second and the second and the test of the second and the second and the test of the second and the second and the test of the second and the second and the test of the second and the second and the test of the second and the second and the test of the second and the second and the test of the second and the second and the test of the second and the second and the test of the second and the second and the test of the second and the second and the test of the second and the second and the test of the second and the second and the test of the second and the second and the second and the test of the second and the second and the second and the test of the second and the second and the second and the test of the second and the second and the second and the test of te

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Better hurry though Collectors are already Ining up to buy the checkers from the root. Say Was thlogy-the first installment of which is not saided for release until 1987 DO

ELECTRONIC UNIVERSE

SPACE PROGRAMS.

Simulations put you at the controls of past and future spaceships

By Gregg Keizer

In terms or group takes the second second second second second reary Alteriation in the second second second second anyorist under 30 the space mass a short has a tooling second second



Adgrounds Space Standary Is part of a crap of nove originaris that hal you refine the coutiement of the cartifays of page profession.



It's impossible to really recapture those days—you had to be there, I guase—though some infinguing simulation software makes an effort

Start your tour temple and near the beginning A-DKI The Wrigs of Menuty expects you into a Menuty capaula and biash you into suborbial and orbital misistors. This is a sumulator, space pilots with tots of awdoles, and dails to play with and bareful a deckert gitrapse ock the pury weaker. Just like the need timing sorrice bases. The Mancay was a fight was in 1061—so is a need they was in 1061—so is a sorrihey was in 1061—so is a sorrihey was in 1061—so is a sorrition. Though some on the finit, and you we got to sorrichie to memore meaned.

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A-DKI, which plays only on the Macintosh, isn't in stores foull have to call try knowskiw sechaologies (800-957ADE4) and hand over \$120 in plastic to return to those days of yesterver. But its worth early perty.

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Your playground is a sphere of space eight light-years across, but the best society is right-here at home, in our solar system. When you orbit Earth or Jupcer or descend to the junar purface, the view are accelerated. Physics applies in Spece Sm observe universe, and most of your this essent will be agent relearing Newton: Gravity alleast your light poth—you can even use a gravity well like Jupters to create a dirgond diliket if you're really good—and planate and moors are always where they're supposed to be

Space Smalety deep1 have the lege of Microsofts own Pipty Smulater but its both accessible to beginners and deep enough for an Omnikard of crowd

An old sim that s soll worth orploting, sepecally now that it's moved to CO-POM, as incorplay Bucz Aldon's Alace Into Space Enhanced CD INOM, a re-creation on the PC of the Coid War nees to ack a man on the moon

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Bound up all three of three sine and you have a wde-ranging policition of writial space software that will give you the faivor if not the feeling, of really being them DO



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Sky Worriers is Atlento will pet you in the seat of a T-34 for an air-to-cir doulight.

ATLANTA

MEDICINE

BIOFEEDBACK IS BACK And this time it's really far out

By Anita Bartholomew

In the 1950s r was theird as a shortex to higher consciuuness. Nogs in take wate said to spanel filtermay massaning conscious control over the involuntry processes of the hostes. In the United States, bothedback was at high testimate of the ancient art. Now anyone could of and 4 would's the flower chickness for would not be interest in the gree up and lost interest in the

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consciousness. Essentially, boffeedback is a wey to train the body to after balogical functions, using connecting agnitis. One researchair conpersoint biotening only the parace Af first it is diffcut to here if you are playing the correct nodes. Ball with prodoc.

to know and easier to lique out how to correct metakes Biofeedback is a way to trein the body to 'hear' new rhathms

Interestity, just as bofeedback fills and of opauling public fore of became the subject of sensing bofeedback and the subject of sensing with Barry Stemmer, a career forensist at the Depulveds WA Masical Center or Cathorms and a protestor in the achest of medtion et UICLA. Nas been using bineroback to help epileptics the ran of cause a binary of the barry acsister of a charmed shoremaking virtual born etc. Deny when a virtual born etc. Deny the barry acvirtual Dang EEG (brannessing) that triggers secures along the brain's motor pathways. He says theil with bofrecback patients can actually alter their brain's cecurity.

Semants success rate is inpressive. 60 percent secure reduction in more than 60 percent of his patients. "These are paherts who came to us fitting being complituity testaid on every drug kingen and where rot responded the elitipherese. "So the is often

> from the worst cesses " Today he's using advariced computer technology to refine and improve these methods.

At Topphate Life Sciences In-Software of Mind-Body Health, prathiologiet Palmos Cancer patients to control stress while theologicad While theory physidems acknowi-

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But Paul Jacobsen, Ph.D., assobtre stlending psychologist at Memoral Staan Kettering Centor Centor in New York City, cautors that reports of cancer cures using psychological methods are not becked by scantific evidencia. There exems to be come indexts impact on exynemic says Jacobson. The breast cancer study showed that biofeedback had acres effect on menure passive any flat are trived to cancer progression. But we're a long way lice demonstrating the course of cancer More research in its refeenting these invaded. The warm

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It may have started as a fad, but boleedback is an important motical tool for a new generation interested in not only testing good but in feeting healthy/DC



SOUNDS

THE NATURE ARCHIVES: Making sure it all gets in the mix

By Steve Nadia

An electricate sep. Conclusion control of confinement on Weakington Conclusion To Mass perlanging a concern that was perchanging a concern that was pertained and the second and the second rescarcher that a wave of the second and the second percent and the second and the tensor of the second and the second and the second percent percent and the second percent percent

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EARTH

FATAL CHOICES

Armenia reopens the Mezamor nuclear power plant

By Melanie Menagh

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The leaves America with an agoining desiren Up until 15 years ago a primary resource was hydroetenic power produced by plefs along rwss. Fed by the 500-aquare-mile Lawe Seven. The plents were shut down in 1379. Issueves when Soviet solarifists discovered the lab meters (about 50 feet) over the past 45 were

Emphasis from shifted to nuclear power A plant was built at Mezamor in wastern Armenia, and it went on-line beginning in 1978, cepable of supplying 25 to 50 percent of the countries an engreeds But there were probliner from the bagening. Kartes Danelan Aamenals formor midate of environmental protocolor explains. In 1980 there was a fire there as a rout, the after was indefensible. Charmoly almost happened in Armenia frait Addbornly Aamenias locutati-

trie on the Richter scale al Meanmor. The plant was not ontoolly demaged tays. Demathan, "but snoo it was an outsteet Sowiet de sign that old neo meet Tieternational standards. The parthopala greatly toared people and the plant was shu down in 1989."

When the blockade began to take hold, however, the

country booking stawled for elevtral about Thread and the prodent, equival the prodent, equirag the hard hodrawler equirag the hard homan and the start of the start and the start of the start of the message of the start of centre of the start of the thermodule and the start of the start and the start of th

The alternative, however, is equally risky-reactivete the Mozenor ofert After a long and through review, which involved internal wild international aid both public and private, the govemment has disclided to reopen the power paint Danielian who is no longer with the Armerican UPA, is built. "The is a very dengatoria eta."

An onwonmentalistic posicion is a delicate one in Armenia. The Bouist leapov is a gran history of



biological and local and digmidation. Whom intellectuals can we diasater hyperang, and appended to Khrunkohen: apy We den hww such who Sonie speen tass teld Brothney, tasks teld Brothney, tasks teld Brothney, tasks teld Brothney, advant for a second we protect the environment? This

protestana?" The Communists gave emphasis to metallurgy and chemicals, and the way the industrial sector was developed it has a high need for every and there is no clean up of wasts?

Enterne warme conditions make enternanties responsel in a laway mark Ameetian Sali they cance attack "Menn a so blood the late of a lake is not something that concerns us on a city basis. In many villages, people are defending ther home, they have an automatic weapon is one tend, and they have to think about ther own survival this about environmental problems that may hepponthormow?

But the truth remains Environmental disasters may not be as quick or as brutal as war but they can kill ust the same DQ



GNP Crescendo: The source for all STAR TREK Original TV soundtracks

VIRTUAL REALITIES

GOOD-BYE MR CHIPS. The last days of the virtual teacher

By Tom Dworetzky

e had always thought of the second second second second second a tile second second second second n s VLS (very large scale rosornsular designed in his case consular designed in his case data design as his consider. The had second with the technic he had second with the technic he had second with the technic heat his consider.

Yet hiving been given a human form of consciousness ao that he might better instruct his puper-he was the teacher-he had found that over the years he ad gravitated lowerd not only

how they coeld not know that he had never been real

C.C.

bibles/collip, and how he'd cease to cause to cause to the on the appearance of a human form in the virtual classroom to which every child on the planet was todater, but also toward a human history as well

Finally he had grown to undestand that, for those not born The back of the sense on way to be actually explore the nature of his writing the sense of the sense of the sense of great transition to VR in 2010 but atoms sense here the sense of the sense that the sense of his locations and the sense of his location of the sense of the sense that yet comprehend. Here there is the sense that the sense of the sense that yet of the sense of the sen

In time hold to his personal age, for he income the bibliopolibiaison on these who developed with service and the service of the service understand and the service and the understand and the service and the addition of the service and pairs of anison and the service and pairs of anison and the service and pairs of anison and the service and the sectors and the service and the fields of the service and the fields of the service and the service and the service and the sectors and the service and the sectors and the sectors and the service and the service and the sectors anison the sectors a

He had determined then that the was to be the last their soft her, he would not continue on. He could technically "live forever" but the potterns held in the net grow worn and buggs over the years, and held long snoe tred of the endete cycle of beckups and metablations. Far butter this werk to go certify and all the

He created for thread's at much as the orthese this final scene. Suddenly he was transported with he arthog thread destroyed after graduation. No one conver to sent arystrese He andtag ovtered his "score" at that point, cartrying is alterering point the and a salver stand of toats tices on a similar "grood morring". Mr Otipa," whe ased "So quest with all the offeren goon A side rest for the weery pliast."

"A little read, yes 1 suppose," but Dreps ordn't feel the reat." Do you, think any of them will remember me?" he asked as much to himself as to her.

After the'd left, old Chips drifted into a light sites hitset with taces of chicken he'd taught through the years. He was started from revene to find his old witual classroom filling with the inages of non-prove redukt, skil recognizable to his net-memory as the chicken they cnoce were

"It's old Mr. Chips." they called laughing

Chips thought how they oculd not innex, now or even that he is never base toblogically road, and that he's cease to be from this day on That they reads never see the real virtual Chips again, but only the old noutres, lectures total the neurony. His simulated consciourness would scon be at an end

"Please siz we will start, then you go on "

The Bystem continued to produce this image for old Chips, the reacher, and he dified slowly into randomess, ehmimering virtual images of man and women gathered around realiting from old Latin class, drop semigraux page.

Of arms and the man I amp The routine. Chipe whespened, as his clata dissolved back into available memory DO

What do you think? Should we turn to vertual reality lisachers? Cell (900) 325-6483, Your veels will be incorected and may apper in a future toxics. Calib are 85 cems per minute. You imust be age 18 or older Touchtone phones only. Boensared by Parte Entertairment, 605 8 Balenty Drive, Busta 977, Bowerk Hills, Calibrana 90212

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ARTIFICIAL NITELLIGENCE

BRAINSTORMING SOFTWARE Can your computer be equipped with artificial creativity?

By Steve Nadia

tere are eight million 14,800 of them can be found in called Piots Universid A dozen or so programs like this are avai-

Store in West Los a new outlet in Sausako) for cup help formatiang wine sure-fire

Princ," claims Gabriele Meyinger, a co-founder of the store who son in town who's not working on

ing programs on the marketteams, and business execu-Treatment and business oracle we even let them operate our Wat a minutel I computers start

Grand the current state of the art, there's no need to get para equipted with sp-called "vieacenseling, sufficient and deciworth says Philip Robinson a Jose Meesury News "But these programs gan bein you think " he

estalaris. One example he mint ration can take a sumble of ideas

> a cest (and percal) outline

Evatems Idea folger a rifferert approach Type

tulbs," "welk live an Ecypten" velopment Strategen in Gourgespethally when he's searching for men complant a that 'you have hope that comething, eventually, work last as well.

priorit more official territy cite. such as "To Mahal" or "sourced effino pine cone " in which they ports creatives believe that rhear.

ime huse in a socie e a ham-Fisher, with its all "in a good relationship." The user is then challenged to make Mandarik pharman Jolf Macury stuck ' By triang people on these program might help them break

cavatis "The software might prowide you with a pick and a shows, but you'l get a lot more people from hepping you " Thats with a correction

Another dreathers in that used as an encape" martaine days playing with a computer lead to mechocrite with a formula shu caturaner be orrered "DO



Repel The Demon Horde

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Travel the vast lands of Reitannia and talk with scores of diverse character
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Others Land Millsh, The York, This Test's Millsh, Patrie of Africe and Access of Values is on applicated feadbalance of 2000 Applies (Arc 2000 Dpp) (1) (2000 Applies Arc 2000 Applies Applies Arc 2000 Applies Applies Applies Arc 2000 Applies Applies Applies Arc 2000 Applies Applie

DANGEROUS DELUSIONS Making serve of senseless behavior

By Steve Narris

For more than a decade John met with hundreds of psycholia some people dangerous to them-



realize that delusions may have

are more likely to obey these commands if they can identify

these celents formen as Write House Capes") had been subse-

In 1992 Junginger published types individing persecutory body is putting thoughts in my tempting to see how well the

pounding the man's head into the tuble Hare Junghoer save bolitavor was motivated by deba bearing on behavior Juniverse for "neferious" purposes Gen Other delayons by contrast are

220 dolumonal and 250 nondalugoal is to identify a set of indicatzek to reliably product patients

decisions are based on records caris adornert Pat /'s difficult way or on the distance boards. In provertisation provisition in opportal with severa montal disorders (CC)

SPACE

BETTER LUNAR LIVING THROUGH LAVA. A group of space buffs explores a truly unique site for a moon base

By Stephen L. Gillett

The moors's a great place to varit, but would you nearly want to live there? With no checking atmosphere coemer rays and the occasional sour fare status the surface dimody—as well as anyone in the with the surface dinear the surface dinear the surface dinear the surface dicount or model with the surface of the surface diterior of the base as surface diterior of the base as surface diterior of the surface diterior of the surface diterior of the base as surface diterior of the surface dite

A group of space anthusiants may have come up with a better way to aveal natation and other dargers while living on the moon Put the modules in a needy-made onve instead. No digging, no heaping no task no muse And a lot present

Beachada, Iba grupa beam an Chagon, Machada Iba and Chagon Alexandro and Alexandro and Alexandro and State Provide Contrast a load Boo and the Provide Contrast a load Boo and the Provide Contrast and the Contrast and the Contrast and the State Provide Contrast and the State State State State State and Contrast and State State State Machanica State State State State Machanica State State State State Machanica State Machanica State Machanica State State State State Machanica State State State State State Machanica State State State State State Machanica State State State State State State Machanica State State State State State State State State Machanica State Machanica State State

In turning these settuistions, the group discovered a let this might interest designers of a lunar base. For one thing, the caves of cantral Oregon, like the moon's aufface are very dusty 'A lot of equipment just dust' leark very long, 'Waltion explains. "Even the portibile text transversis we set up and look down or clast in



the joints and needed frequent clearing " Research indicates that lunor lava tubes, by connest wort be so dutty.

 serving it from the 300 degree temperature swengs cutside

Desgon Moniboseis research did not go urmálicasi. In 1990 J. Indexesdi a contract from NABAS anovedon Outreach Program Io comptie a vitudy and developmare plas of the Oregon Moonbase law tube site making it the dity from accorpacia, noti-striketsity group to receive one of these contracts.

Bees then NAGA has put to trave branc plans in Imbo Bit Cregon Mootebase remains atfluxable about the potential of law tubes and offen its sole to aerospoce compenses senting to last propession. Law equipment "The bottom time." York, solys "to that string on a laws tube could make a lawar base much more consisted by much laws more

Werdet Merclet I is timer seienstrat at NASAB Johnson Bpace Cernar agress with reservations. His tests that before NASA can have stated and a before NASA can base table it must hot bend a term to look for a pustable state. But it would containly be to attractive option if we terms for sure a low table emitted at a proposed tater how-oild "book that soon Option".

Although humans inserts on Earth as we scaled the workstoperary ladder, we might be work adviced to reave back (reb them when we settle on



IS IT REAL OR IS IT JUST REALLY COOL The Luxor takes a gamble. Plus, putting organs into hibernation, and picking up the pieces after Mozart's fall

I see a revelution taking place investment i was in the Yegues neckrity and, much to my solvneckrity and, much to my solvneckrity and the second second second intermediate the second second second intermediate the second second second my my second second second second my my second second second second my second second

Inside the Luxor's measure atrium, each of the three atrices blands high-resolution film computer imagety. 3 offices and/or motion arri-

lacen to preste a different tim related expension. "We're exploring softe new areas of the auchercult perception and involvement in entertainment," says Douglass Tuestul, the opcoal effects would beine movies the Cope Exception of the Trief Kind and Blade Renner, and the creater of the group.

What really makes the project, sincus, however, is that it may be this fact theme park in flattery to actually fill a stry—an index along-begin all indexing a motion or crystal objekt and the power of the universe. We werse the qualities of feature motion pathwes, with cheracter development, force, and pathwest in the cheracter development. This way and the pathwest in the average and the pathwest of feature motion pathwest, with cheracter development. This way, and pathwest in "turbul-development development, box, and addies."

The story begins in the first "concole" a breathaling, legit-impact simulator index called "In Search of the Obelisk," continues in "Later Live," a smalled selevation broadcaset where you are the studio audiance. Their corres to a sweeping conclusion in "The Theeter of Timo", a journey to the future direktwy of an invisi screen server stress tat. Compared to other simulator







ndee and attractions, there is about a hundred times more story going on," fruntical ways. The result is a threa-part move where the automobility is on the action. This is userfriendly while reality, and the spectracie is hard to resist.

In the emission transmiss and of the emission are not been as a second second second transmission and the second second means of the audience that it where the audience that it where the audience that it where the second second second that entransmission and call that entransmission these the second second second second that is the second second second second second that is the second second second second second that is the second second second second second second that is the second second second second second second that is the second second second second second second second that is the second second second second second second second that is the second se

it may take some time to

common commentant that emulative cars to a total that common direct but that the operation of a purple for cars integrate experience and installay to both metalment and for transmission for planament of our or metal and for transmission for planament of our or second stage or the version for planament of our or second stage or the version for planament of our or second stage or the version of the second stage of both high-research limits provide which is throw are "Theyre enclutionary," exclutent Turnul, both and the the limit "field-and research transmission who have the limit "field-and research transmission who have descent the limit provide the second stage to the limit."

Strendly "surbul has also gone to lengths to nelvo his simulations comparable with the existing field nontry. With the help of Hollywood and big-nerro, high-budgot films for a basiciona, "numbul might well have his chance to preve first thread more to amutation than the thrill of the nells. Its time now to buckle up and become part of the meanmence. —BPADT MART2NSRP



CONTINUUM



Organa aurore longer in a alate of bearlike hibernation

OPIUM FOR ORGANS

Life-serving organ transpart operations are often a nice against time. Even with the bost hexang technicuses, meny human organic anti survey outside the body for only eight hours at beet. But an imperious new behnicus glassed from thematogrammatis may produce what phermacologett Thrus Physics and a chamato edension of organ survest time."

Bu, d'ins Addistron Reseach Certra at the Neonan Interiore at the Neonan Interiore at the Instrumed, Maryand, Interphine carring the Intertorphine carring the Interior Interior Constanting and heart these sow agrithms drops, and Instanting and heart these sow agrithms drops, based ong a call sertainty needed ong a call sertainty medical or spritteric device in systemic. Pleasance that the methbolic soluction included by GADLE might help proking argan survives, the researchers, together with surgeon Suten Ches, removed a block of anyone float, fung leak spaker and kinneys) from dogs and tigetted the outpains with DACLE. The origins survived the factory must be yourid these intrger them they would these intrger them they would these intrger them they would the shorthore.

THE FALL OF MOZART

Wolgang Amadisus Mozart, whose untinsive dashage 36 has long beiffed hebarres, may have consumed a bit too much beer, whose and public heat of and the left temporal lobe in a druisen tell, and des from the effects of druce, to subscribt hemistorm. A loads that's file heat work on gots ware and psychiams work ing 255 years after the fact

But if Mes E Drake is correct, this diaghoes sould put to reat the logands that off sumound the composers demose venously blamed on infection, fever, tubarcukois brain lesions and even poesning by his archited, the Ventees court conductor Antonio Salen

Neelecters to hends takof leaguest fails, possibly initial to his diriking," says Daske, noting thet the flacture pail between the left eye and ear is considert with righters in divises given to tails. Philosoftery probdby dorth those ther, accousting to the scientist who accos. "Records suggest than the scient."

NAPOLEON'S PENIS WAS PURCHASED BY AN AMERICAN UROLOGIST IN 1977 FOR \$3,800

his bitacletting could have aert him into shock and occurry butled to his death."

Drakes theory is based on observators compiled by both Cerman and Pranch researchers who examened Mozart's shull, which an exhirped from an unmarked grave and kept utilit recently in a museum in Balaburg

Date to believe (if at the output of the out

George



A group of Japanese rethe classical of Table with an activitation To test their inperson the moon and

by the earth's magneto field charged nucley



Antimation they poncluded. I too small for conventional

Hackophosimatic generamakes the possible, was in--Stove Nartis | It uses the force of moving

water disoppring a dis--Stove Narks

THE EMPERCE PENGLIN. THE LARGEST PENGLIN AT FOUR FEET TALL AND 90 POLINDS. CAN DIVE TO 800 LITT AND REMAIN SUBMERCED FOR 15 MINUTES

DROPOWER

could open up a year upsands of small dams that are | high sit level is raise on the

water in a river or twee signed tanks. As welly pourt



CONTINUUM

A new ren-invalues last developed by AllT and Harverd researchers may aid in distortion of concerning heart anti-dimen-

CARDIAC ALERT

The sports world was snocked list year after Boston Calico star Regge Lawer callepsed and dod while arbosing Dasterts The syndorm which struck Lawe audiom costable clearly is a migit public heath problem which inic S00.000 Io 400.000 Americans anmialty. Mary vatime have no prior history of catdlovascular disease not any incelledge of a precessing beat contribute.

A new leaf developed by researchess at MIT and Harvard may help identify people winerable to clearly near antighmas. This technicule releasion a costputor to detect subtle winatons in heartbasis. Thisse waranoona are captured in electrocardiograms (EKGs)—graphic handerings of the wave parterns of heartbaate—but they are so small they can't be observed by the relead eye. "Our bactinepia is like putting a microscope to the BIOL II al-

A PERSON STANDING AT THE EARTH'S EQUATOR WEIGHS 0.5 PERCENT USS THAN AT THE POLES

Iowe you to epot this megularities that you could not otherwise see," explains Devid Posenbeum, scorthtest at Case Western Reserve University who began the work at MIT.

Posserbaum and his collectures used a frequency analyzer for measure changes in the shape of the EKG waveform from one bed to the next This best to beat warefolding, known as election cal alternary, appears to be a storeg productor of exact explicitly to 14-be weakening an attractmeas. In the free explicitly to 14-be weakenhoort anti-phrase, alter mean measure were channed from GD patients at Main explicitly and the store of the Market of the store of the Market of the store of the Market of the store of the mean phrase store of the mean store of the store means the store of the means the store of the these professions. (Hwo of these professions, GW of the store of the store of the means explicitly of the store means explicitly of the store means explicitly of the store of the store of the store of the temperature of the store of the means explicitly of the store of the store of the store of the means explicitly of the store of the store of the store of the means explicitly of the store of the

Carriendge Heart, Incorporeset, of Buringson, Mae sochusets, is preparing to market a discussion for measuring attempts that could provide a nontriverse means of screening for arrhythma risks.

--- Stove Nod e

COSMIC DUST CLEARINGHOUSE

If your vest if insulin if examine out, there are investigation of the place to go. The Office of the Cuantra are the NASA. Johnson Bpace Darbar in Neutron, Texas has collated turnsular special-relation of there are not 1650, and of there are not 1650, and of there are not 1650, and technology opening dust requests for mole than 300 dust particles par year from investigations all ways the special

High shauda sironaft.col

Not dust eemples as they By through the upper atmosphere for other missions Solds; the outsian's offers feet sonad through about 5,000 particles interested particle to determine its orgaparticle to determine its orgasonade to determine its orga-

Arother 100,000 dust partolds, is yet unixoamined, are stored away in Johnson vaulti for future use. We ond up colociting things a fittle faster than we can smityaa them 'saya managar Jornes Glooding. 'Sone are estimated for posterity, when we became the oculument for studying these things will be even better."

The Udrison collection concelling pairs of the most proteins and the most proteins and factors have over seen. Corror dust grants studied and back to a time before date back to a time before date back to a time before date back to a time before the corrections of backet in car colors of backet in the correction of backet the corrections of backet the corrections of backet the addressing and the addressing and backs. Uddressing and backs. Ispace mestor that files into the nucleus of one of these antitude, we'll just name to wait an their testabul to drift into our atmosothers — Stows Nadia



Need a speck of coarso due?? MASA can player.



CONTINUUM



The fail-growing function who, long considered only a post may be a quickly replenestable material for making paper

KUDZU: FROM PEST | ing the pulp for a couple of hours, they broke it do

There's a saying in Georgia 11 you drive too show the kuzzu will got you. The white overrune tests throughout the sourchwastern United Ballos covering buildings and enothering vegetation. Folia had reagned them selves to the fact that there will tilts they could do Ing the pulp for a couple of hours, they broke it down by hand, presend it into sheats and set it out to dry At the end of this process, is and behold, they had pa-

The quality admits Johns, Halah, the director of Georgia Toch's program on pulp and paper origineering who appended ther work, is inferior to that made

CHARLES UNDBERGH TOOK FIVE HAM SANDWICHES WITH HAM ON HIS FAMOUS TRANSATLANTIC FUGHT BUT HE ATE ONLY ONE—AFTER HE REACHED TURCHE

about kudizu but complemthat is, until 1990, when enterprising seventh grader David Brendt decided to make paper out of it for his school's science far.

After Banch's wooses, for mer Goorgin Rich subjects Peter Hart and Bhan Brogdon Lock some vree from an Althat Bield, choppad them into small piecos, and threw them in a pressure pooler with water and some chemicals After coolet. Date from social blocks. He believes here associates can inprove 4 center they tiggers out, a practobal way of smapping the berk from the kyclau virus and of getting ind of the pdfty material insola to admit if the process can be rating to correspond prodiction, page manufacdiation, page manufactions and the supply of your instrumentation supply of your instrumentation supply of your mechanism free of 00 foct a your - Show Nada

BLOOD PRESSURE PRINTS

Recent research term the United Kingdom redcales that even if you haven't committed a commercial party fregereprint could party out in tracket. Water Kehrt Boothy and has achieups and and achieu persistent to be added to achieu to achieup had which persist (part term mode up of concenttion endowed on a paylotte main mode up of concenttion endowed in paylotte main mode in paylotte main mo

Engagemits come in three flavors according to Doolling the when the senth and he loop. Boothyw, anys that Ingergenits form about 19 weeks alter conception, "and whorts are a tage of subcomma development of the blaue People who have whorts that is have about maily off address, which heads to high blood pressure

No one's increase reveally washed

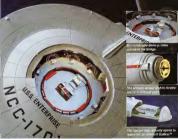
Which days gasestries inghe block products repar block part in more lingers a parameter to a set have them the graded the present withins. We can be a set of the thood present withins who block present withins and block present withins and block present are apprend. Up the type of those present any discribe apprend.

7 fetoncal phenomena aiwaya hispoan tecon the fetal time ia legici the second ie facos " —Karl Mara



A settor regardent may be a bad loosty cenar

Your opportunity to take your place on the bridge of the U.S.S. ENTERPRISE."



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Process-colord and tecnsoring a full 19" or longth Authoritic down to phone towing on the high and Kok s partnered chair on the bridge. Bucking its wey into the future with ripminary serand des inclusion 40% land cold

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OPENING THE R.FILES: BEHIND THE SCENES OF TV'S HOTTEST SHOW

на сла предосел как и сла протока как и сла протока на сла

At the UFO conference,

it decides to declare. a subscription and contin we pecking up the occasional issue from the newssland. Los Angeles, Early June, UFO Expo West No sightron, No contact. Anteriotal mideone there," confesses Chris Carter, creator and executive producer of Ero's X-Oles Mis white is missed and manely on the phone Carter is 37 years ont and success has apparently not spoled or hatdened him. Pve seen his picture in TV Duste, Bland Sten der, Hendsame 1 standed incognito. I had a great time. I sport a whole day theo in the gallery prest*

sable for LWO magazine,

He was? I clicht wow that? says UPO magazines editor and publisher Vick: Cooper her no-nonsense reporters voice softening. It would have lowed to have met him.

I'm calling around trying to get a tric on this sensitil phenomenon called X-Files and its paramormal show satsilites. One of its two featured damates. FBI Agent Fox Mulder alarms to write anteles for Own under per markes. Dmin wants to know about here and his show.

Vicki Cooper is only too happy to give her pointer

The Arbites is very entertaining the concept trut Chru Careto caree up with is intriguing not just to poode who have greater into an and neukement in the UPD hald but also to audentee in general. Most opoodes are good mystewal and the mysterise ter patroxireal. If their haves a greater inferent in the opoil themis has greater inferent.

The Fox network seems to think so it has ranewed X-Friat for enother full

season of 24 paiodoss is other shows. Sighthops and Encounters put a documentary rain on the subject mather of the subject mather phosts UFO boots from the serious (of theory or relate) serious (of theory of the subject serious (of theory of the subject of the document of the subject of the subje

Not arrice the advent or sorouation and H P Balatio.

In the investeenth century have so many Americans been so intervetted in the possibility that the bizzare is real

These works to entrol the entrol the mostly from Finday register at 0.0 as synthesizer music sharwhite vom Twis and the bastand child of the Zwight. Zone and the FB J grabe millione at wevers oy their lepels and gwos herm a good create share.

The X-Rea for the uninstand and the rightmend deals with a britism paychologial named fire Mubler (David Jochsny) whose dealland crimmal work with the FBI has paren inn locate table on the V-Laud cases the appropritoeland is full-caud cases the appropritoeland is full-caud cases the appropritoeland in the V-Laud cases the appropritoeland field with the y-lates later of tablesets which they water later of tablesets where they water later brite appropriate when they water brites and the later of the tableset the brites with the called of the theory has brites with the called of the theory water brites and the later of the text and the later of the later of the text and t

The button-down Etram Zintbalat, *In-types* are getting rived by "spooly" Nucleir is activities "Twy seeign Dama Souly (Gillian Anderson) is medical doctor with a specialty in foreneos and 41 Dawi a strong faith in the retional to tag along halp and report back. However, Mulder is a loose centron The Truth is out these and Mulder means to get it, by hook or by clock

The dup built heads, boker wise, orack argue and bakeds Musler has seen Soully in har underwaar built befare new been more han a whogen of saxual interast or romande. Uffor monly after a seenor of hostathata alean thruss to marked Uffor gerebtathat and a seenor of hostathata alean thruss to marked Uffor gerebtathat and alean alean and alean the base of an address the sake the two only market new.

Each episode is dead serious often anding in ambiguity

In Tech an excellent variation on John W Gernabeller Who Goes There: drived twoe as The Tring) they there: an ellen monade in the Archs Chrola. In "Shoet in the Machine" Here must deal with an exit Al computer. In "Deep Threat. "They discover an Air Force beau where the government is escrible."

UTWATELY, AFTER A SEASON OF IRESTARTERS, AUEN THEATS TO MANKIND, UFO, GENETICALLY WARTED SERAL KILLIPS WHO EAT HUMAN LIVERS, PAR CLODE CHILDIEN, AND AUEN ABOUCTION GALORE,

THEY TRUST ONLY EACH OTHER.

testing captured align technology

scripts are tight the delogue is crisp

How can anyone not lave the show? Chrill Carlier uses to be a governer He wrose preces on sports, mostly suring in 1985, and in the acceptions caught the node of unities Katerinary, bry perus of Disneys first developing for Danky. A debut, into lavers lating an elaboration with Avendeh Television, bransterming TV ensemble

Dr to the Carter and the For press releases claim. Difficult to bareve that terreting so dark and moody as the X-Rise bubbled out of such a whitetrend backmound.

Perhaps Carter stumbled across that cryopencally tozen body of Welbeside channol eletetors of animotos in the Mosaeswitz durigeons. Or he heard witepers of anowen vectors cabatic in the halls of the Whatra Bailo? Or one high: surting he was picked up by a LPO? Altes all of the above are emphasically false

No have have a personal experience with the paranetimal. Carbo assatis 1 winewe seen a UPO her neverbeen contracted by anyther (in a netural obtained this by saying that (in a netural skeptic. My tendency is to discourt most of the suff because my personal appanetima desent include it"

So just where did Soully and Mulder come from?

High but of righead A discharger high an the quip parts of my dealer to believe in womening by wiseboars and my fash. And the entrang of the childright and the visces come very dasky tome invant the all of people to be twe the expension of wimsel. Ing a pathoenial phenomenic A the ament me in water to baccept is but question 1. It must bee characters and there used and the end of the due my these visces councers of the due my these councers of the due my t

Are the names significantly

No. not at all Just coincidence. I liked the sounds They trip of the tongue Ano I gree up in L.A. where Whoe Souly was the voice of God.

Do the stones have any noots in science fiction?

If was never an SF test, oddy alrough i resisted the SF label for the show because of that but i found that by having it readed SE it here ent never

to the ahow that might not have bothered. Now I think its not a bad label

Bit wild as troay get to there endnow show—so much so that a recent tour of the FBI offices by actors and and torought lectures by FBI agents on errors in weaponry and processures.

Exrie things happen as well

Uset last vertiend i tradia person vient ivie sien ein ausdel beies comeup to me and sey. You doot invien row auge to me and sey. You doot invien row auge to me and sey. You doot invien row adout he opperations as well as his inabout to opperations as well as his inabout to them. A verty obscrip betrook adout he opperations are also invited invites maken one believe that there are invites invited on them are also invited med. There is to much evolution to domed invites too much evolution to domed invites too much evolution to do-

Evidence is what the UFO field seeks it has oute a bit on its subject

Vicki Cooper is a journalist who a elso been observing the media lately

TV programming-movies and doou mentaries like Scattinge for instance sepect, but most UFO logiets resist this

Although the material is greatly fothat have gotten a lot of attention in the is real and what isn't. There is seenfined to everyone's sats/action

ently has really studied the UFO database. The show makes passing refer-

Howard Blums Out There He was fa-

While reading for my Werner UEC

interested in the paranormal or LEOs

Snowman

Flavor.

You Can'f Rush Smo ofh select

SURGEON GENERAL'S WARNING- Smoking Causes Lung Cancer, Heart Disease, Emphysema, And May Complicate Pressancy,





DESIGNING GENERATIONS



There's a universe that costs come 400 years in the future that is rankesly **AT LETT,** different from our own. It's filed with flocts of mighty starships warping **HERMAN ZIAMERMAN** across the galaxy, with strange patests, inhibition by even stranger alon

STRNDS IN outpures. Different as it is, the architecture of this future universe is

STELLER CARTOGRAPHY. succeptized in the time by millions of devoted tare across the planet. It's a

A SET ME Arouve that L along with dozens of other skilled artists and craftspeople, have

DESIGNED FOR been privileged to help create. Star Trek's vision of the future is like no other.

THE STAR As production designer of a number of Star Trek television series and

TREK: GENERATIONS feature films, including Star Trat: Generations, I've been lucky enough to

FEATURE FILM.

holp create that vision. It all begins with a simple notation in a script, such as:

INT ENTERPRISE NCC 1701-D-STELLAR CANTOGRAPHY

Floard and Data step into STELLAR CARTOGRAPHY, all about them

are maps of starfields

ARTICLE BY MERMAN ZIMMERMAN AND PHILIP THOMAS EDGERLY



STRATERE V. THE FIRAL FRAINTER PRESENTED AN INTERESTING DESIGN CHALLENGE WITH & SCERE THAT TREES PLACE S.DDD FET AROVE A VALLEY FROM. SINGE YOU CAN'T PUT NELLIGH-DOLLAR. PLUB AGTORS IN SUCH A





needs for He aupport. Many sings, such as basic furntars design, aren't going to change Fyou test sito mapline what's going to hazpen in the next 400 years, you should estert with what is leary to remain the atme.

Making the transition time the Sar Trak Toe Next Generation television series is the Star Trak. Generatoria degave lite was to interesting the transpoor of serreting from a 19 inch diagonal video pomen (the size of the revoage TV set) to the feature from series, which can no at the television and 70 feet.

Incer explat lines line topset the production designed must begin to visualities has a seen to visualities has a seen to seen the access and the second second to the access the access of the access of wards and access and access a second second to the access of wards and access and access a second second to the access of wards and access and access with wach cheve, particularly hendeds wards of the first bendeds wards of the first bendeds wards of the first bended wards of the first bended wards of the first access of the access

The production designs

Is usually one of the first people hand by a production company and one of the first to get a chance to look at the sorp! Keeping in muldirector's people. The first of the productor designals vision has to lead him or him to come up with "the firing" in feet and inches using wood, maai, phase, parts and elecvical avit manded affects.

For inspiration in doughing something that's suppoint to exist 400 years in the tuture, I chan bogin by taking famiter images and using than in a feet way. They stauld still be familer,



but they need to lack difarant, creatively expressing an unternism. Intern that which we are used to 1 isanea a goat lesson from Nork Meyer, who directed and oo-words Ster Fink W. The Lindacoverd County He pented aut that four outrues them row, human well sail have finite ormen pore and the same basic Given the limitations of earthlings, it's the most enterprising thing that's ever happened to your computer.

> nhall Induker Fall-Standfort Keytoonsi, Meaner, Newster Fird, Mit Menskar Meak,

Ort moment is year the They are some as the back of applic Que Star Tark the Nex Garliers of Connecter Action of Sare Definition and training of Connecter Action billiarity are future, and the hyperbolic starts. A perform on the results and the set of the some information of four results and these is more information of the relation and these is the more information of the relation and these is the solution.

AND A DESCRIPTION OF A

IF I WERE CHIEF ENGINEER

BY JAMES DOOHAN AND RICK BITZELBERGER

It is not easy being a cultural ion. Million of people from silaven the world think of me as bootty this mendia-working check engineer who has spanned this Federation generations. But where deer Morigonery Scott and and James Doolaan begn? To sill you the furth, it is a very this line, one hall in happy to keep creasing

In the beginning, the Exception Expressing social was one life wat wat with an instrument panel. Minor, wat with an instrument panel. Minor, but any any panel of the test to be an an organise real. The helps was at they list an engineer they of means to build another out. But the excludio build water to have another forming everything happening on fine bridge. To some in managed to do worstetful want happen with fill the panel, the pages at the instrume everything test the page.

As the senie developed, | profile match in the precision is enabled as to how through worked clean in Engineering, then a new director would come ank the show and say to me 'I werk' you to path those braces up this way.' I would eny, the path a down the week and here over to the right and then up. The develop would then agree with me, as he had to go along with the gay who failway expension.

I sharps focupti them should be a sense of movement in the matanifermation channel in Engineering. I had wenny ensemble it as a conference-table tervice with energy publicing and revolving uncard it is wenn't unait we gat into the searce films find. If went it should not be searce films find. If went it should usually look the, the tables moriretion of the Enterpret three hand in tably restand. Boosciety is the serve



set of Engineering sectors we had in the first movie but expanded in show 75 years of technological designed. The Alat Cenerator sets are much more desided and richly designed than those used in the onemal series.

Yat there is one time means then the function of the second second the least of the least of the second the se

If I had my choice as to what, kind at Star-Trais magic I'd like access to today, I would have to choose the transporter and inplicator. For very precisioal reporter, Think of how it would emprove our accessor Weld have entant recycling, and there'd be no more entresion polision. That's sometimg worth stimm for

I think that kind of technology can be fully realized eventually According to the technicians and scientists five mill over the years, we are on our way My will Wende and Josh space that the hist factor that mapped to come our way high double the space of the double the space of the space of the the space of the space of

And I tome yell what James Dochant Motorek Program PT would be I can bee myell setted deen into one of the most table. May any setted the most table in rantum Ostate Tot most table in rantum Ostate Tot actes CF Charley an Ostere I table I that the who been year over the To pools to and the year of the table I that the other year over the To pools to and the year of the table I that the and the year of the table I that the table I would were how You can and a kee an antwork of the table the table I would held how myell

Don't lie the fact that my favorage place to be a completely out of the management of the completely out of the other pose. If have all the gateging one needs to here a park with the adards world Califar phones the maximum, and on the other parks maximum, and on the other parks both and the hard of the other schemal maximum Knapen park of an execution and MASM is anothing I think i world be dridty exactless of my where no

Playing the most famous angleser in the galaxy altords me red-carpet access to research facilities that contracts owned as ander. What you see on the small video screen is much less detailed than what you see on the big screen. As a detals, especially taxtures and surfaces better, and the choice of color has to movie screen, it takes more affort to make the fantacy emerciment appear

have been refurbalted, rearing the level of detail significantly. Along with a team of talented profassionals. I created the original sets for The Next Generation's the second year, before leaving the sets in the papelole hands of deepner the show to begin with, I felt some oblithe fans see them on the big screen (espacielly the mein bridge) they I see

bridge in more subtle colors. I also relook of the original ceiling, but when the series becan we didn't have the money to make it substantial looking

One of the most interesting design challences in the feature film General Jarphise Stellar Carlography The e the most morriant set in the move. Have about a space phenomenon that's e set is not crystal clear, the audience two-character scene no more than

I started out with what was called for in the script, in which Sieler Cartograwith some maps on one wall it seemed rather uninteresting to me that it be portance to the plot. So I conceived a Tree-story set where the actors enter

plant abir map, ap that it apparent as mous starteld graphic. It's a raprasantation of one of the guadrants in space.

The idea for Staller Cartooracity was pany called SAIC, a pytien science and partment of Delense. Their command room. I had been talking to SAIC executives about dono another one as an extension of the first complex, and one of the idees kicked around was that if might be a two-story aftar with the actrance to the room on the second story I thought it was a good idea, and denided to try it out in Stellar Carlography

Of course, every pood idea has a catch This circular three-story set had mounted on a 40-foot arm, which was pokec into the norm at odd angles. The stones below and above contain score that kept the actors state while of the second underlines the imporphotography said that we may have

where you want it in order to photocraph the dearch. With experience, you makes it all an exercises in fullity. From the very beginning, production designers have to finth about when the camwant that camera to see

Star Trak VI The Undecovered Courtty the Kiroon ourinom This was a prety much with impurity When we

the camera moved around them in that set that I thought came of on-activen center of this yest round room filled as farty spectacular-but not nearly as There was a very practical problem

to solve with the Kingon couringon Kingons, but the spript palled for something like 3 500 shouting Kingons raising all kinds of hell. We should have had balcony after balcony of Kingons with their loos hund over the stillings. The higher they got in the baloonies. the more rights they would become We were trinted by our budget for costurres and makoup and by the smole Makeup people started working on our where the camera will be placed to prevery 85 Kingtons being dawn, and midatemoon) We had to design the Kinonte what we ware doing close up work, medium shots and all the work bear pit where the walls were ten feet high. We could shoot the prosecutor. and that first row of about 20 Kingone

put them in above that, pulled the cameren back and got them all

a couple of matte shots which included little trick photography, all 3,500 made d unito life movale

occur on Paramounts back lot. For some acenes you have to head to the great duction descriper works with a location manager. Together they spoul all reaments that fit the needs of the acriol They free show what they've found to while, the design team goes to work to make the location right for the movie

A challenging location shot was readed for Star Twk V The Final Fronper When the film was obtaine up for the first susson of Star Trick The Naxi Generatory Herve Bennett and Ralph Water Star Tesk Vis producers, had

And New Faster Acting.



Say helio to the new Plymouth Neon Sport Coupe. As friendly as the original suspension. Ever so eager performance-tuned steering. Dual air bags' ABS. And ISO very very frisky horses. Not to mention rear spoller in back and power bulge hood up front. Warning Daily use exceeds recommended levels of fun. Neon models start at \$10,000 (4-door), \$11,740 (2-door), \$14,100 (Sport Coupe), including destination fee.



Plymouth Neon, Now Available In Original,



FICTION BY MICHAEL MARSHALL SMITH . TLLUSTRATION BY BRALDT BRALDS



'It would be anything,' said Chen dubiously. He held the graing photo at arm's length and squinted at the irregularly shaped object in the center.

Hell. it could be human." "On the street?" Miranda countered, tilting her head at him as she shrugged her coat on. "Where were you brought up?" She was excited, and not bothering to hide it. "Stranger things have happened. I think it's a fake. I mean, for a start, what's with the black-and-white shit?"

her. "No pun intended, But why so Lit on video?" By now he too was was clearly ontion the better of her as

"I don't know. That's what we we oot." I gaid "And that's what we regoing after. Come on, leta move

Ten minutes after receiving the avenment on was watno outside Chen and I jumped into the back and

The car was broadcasting a series other road-users were automatically sharped out of the way. It would only seemed too long. That would make it nearly half an incur after the fax, an

> breadly with the choid driver. arswers. Chen faxed a copy of the photo not half a dramon of forensic imagers workstored out of the wo-CESSITE COM impes Maybe this time

I can't really biarre Chen for como on the way he does. I'm just as bad that other a brief fluery of iny sen't be coming home employ-handed again As the weeks on her and even the horace cet feeer and father behavior, over 1 find it difficult to keep the flame burning. Mitenda's good for us in that way Shif's vauncer, never on the onone to call the closer? know that a few years ago we'd get a call every other month, not none or heires a year " time is running out, changes are if a loand interest 1 know that in my mod. but I must still have a little teth tucked though in his case I'm out suce if's

Manuals provided around in here series to facult me

"If you don't stop that tapping I will hut I well have no chrane." I called her heir brefly, took the phone from Chen singuity on standing and waiters for us Ecuch we wouldn't be them until four be I was only celling for something to do The guy I talked to looked toose counte of soldiers million account

remarks the enternative of them net. As a waiting official led up toward the

Mart he a rand take." I sed

"Yeah ' We looked at each other for a moment amiled tightly, and humled

They'd held the MecaMail for us, and th rose as soph as we wate made. We tal menu bolow on and that knot on occupied for a while The Mail took feet, then caused before starting its steady program forwayt to soon as we were over the occer we turned

"Christ," said Mranda, 'Now what

"Me share We shall We mercle with passing holiday-makers and exchange

"The fuck we do." Chen said tensely. "We don't notice and smoke a

The metidie level of the Mal was crowded, and it took us a whife to ocencies passed us on the way up stand at him will some entrity

"Street therein: complements of the artime." I said. "Very popular this year."

DISCOVER. AGAIN





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"How long is this going to take?" Mranda asked. She was craring her nack and looking down across the Mail About a thousand parple feeled

"Test house."

Shit' She glanced at me, looking drawn I ehrugged This was only her second old out and winady she was beginning to understand. However quicky we moved, it wasn't quickly shough

Very wind set outd a collexe bar with a baition wind set blocking uit over the main concourse. We sait in seince for the north part though Mixada and I lalkool a work of our more waget them I didn't have to balk to Chen shout hat wind on thing it has when he was tell for part standig straget ahoud and waited our she floor. I have what he did the their and

There years ago when targe glubble definitions are there in the second or the second real approximation and the second or the second real approximation and the second or the second real approximation and the second or the match concentral previous programmers and concentral previous programmers the second real horizont in our west used to the second real horizont in our west used to the second real horizont in a second and discussed the second real second or the discussed of the second real second or the second real second real second or the second real horizont is not second or the second real horizont is second and second their second real second real second or the second real horizont is not second real second rea

About helf an hour in, a uniformed furky approached the table, helding a blone it was to Ches Helistenia aut nodated, shring himself anunci in the worker chart Than he spicack the lawotet and spiced the phonetoxy. Nother Manatanni Lagion. Netter of us worked to huny the news that we might is well but strands round all the other end.

Well," said Chen eventually, lighting yet another organistic The photo's consider."

"But?" | sed, as professionely as | could

"But as for the obsect, they can't sell."

"What is it with you caus? Why do

you have to keep doing fat? You heard the man its cenune.

"It could be a genuine model A

"Why do you say that?"

"Because its happened before. Rive

"Sat" Chen said, waving for more office

"But," I test, "we've had over tody faxes that we're complete fakes Mocked up in a lab no object there at al. Se if there provens."

"And there's a chance it could be real?"

Her eyes were too wids, her mouth too needy to smile, for me to say anything crushingly realistic. Cher waar't looking at me, but he was wering too

"Yes," I said, "It could be an animals."

Control show why it fails to may buy the word 1 yours to Wai all co agoality Chen. Most of the stew was statialita about them in memory to may was hand books innot insure the action. Not to be compared to the stem of the statistical compared to the statistical statistical and periodesen adout the housend the the statistic the statistical statistical and periodesen adout the housend the them to each other, a possible about periodesen adout the to be statistical periodesen mechanism. Another way di instruption the statistical was periodesen mechanism. Another way di instruption the statistical statistical periodesen mechanism.

Cher and Lare hindel by the West Community West Beauty, in a Hoy community West Beauty, in a Hoy community West Beauty, in a Hoy community them Physicial Beauty and the set of protocol dis John Street International Community and the set from using the set of the set of the set from using the set of the the set of the the set of the set of

What can I say? We lacked up We brught we could go on building the Dise, planting and growing concrete and their lark bowned weity square and their lark bowned weity square to be the weity statement with the to be that the amount weith the top of the first and the statements of top of the bursts cannot install and their horizes, about quarky of the for homes if the about smult be monotoned.

But free segent. Turns out the an-

much dark like the access or much alter all. They put you with them for a while and them is if on case, they all gave up and rather particular, that much looked accuration the other werd arough the second according to the second according and seaked ather they were entry like tween the tearming parquise, down the contrant glasm, these was inclured airout paces according we instable enone doubte of hermality were according and cases of hermality and the second entry of the second according to the second on the second according to the second according to the second entry of the second according to the second according to the second second second according to the second second second second according to the second second second second second second second second s

To come of us, inyway I guess most people around today don't care that much. After all, they've never known any diferent. They're never known a ergle conferred sighting of un anmai in mit Heares.

The thing example mother. She was a rather strange old lady, or as my mother would have it, "borkers." But the also had a lot of time for ma, and I for her, and she lold me trange about her life that I don't that arcora dae ever inter

The story I could hear time and again wear incould hear time and again whom situal sease at lattle girl. She was welforing home from school, through the \$734 acctor of Americ(2), when site says a small shape siftle round the corrier to host of heir. She stocoold dead in her host of heir. She stocoold dead in her tracks, and stared at it. Something, about a fout high and covered in short gray fut, sail and looked block at her from about tan liset away. It had green eyes long hairs growing out of its cheeks and a fut hit which it curied heatly atourd its feet. It was not, my gradinother regiots, human.

Wery goating the lequilited down so as to go the limit on a concerved at a solo goat the intervent on a concerved at a solo goat the intervent of the server of the server

Not really knowing what to do, my grain cavailly mead one of her hands until it was in font of the animals face. Excelpt centrally, the animals bace the rose forward and anified ter tend. It pushed forward with the whole of its head, rubbing its face signant her involves banding its head hourd and making a soft and throaty humming nose it looked up at her and made an odd sound, like a door falling open in an abandioned house, and then it rubbed its head against her hand again like a kes

There was a noise baland her and my grandmother turned to see a man waiking across the interaction about twenty yards back. Her mouth was hait open to say something, to ball him over, and then the clamped it shull Whan the turned round the arimal was open, and she never saw it about

She can home then, and burst into the latches shouldng. A first har loba thought she was taking takes, but the more she told them the more they had to admit it sounded live a cat. They sert out a search party and toolog for the housh but they defind it find it.

My grandmother spont the rest of the life working the rean hadra: chosen that moment to cross the aniet. A conmake a noise, and that she'd known that what cash liked way to be folked beind the ease and rubbed under the on who ever saw (1) and the wahed with all her heart she could feel sed worker allow is a the move way.

And she told me about it and the tened, and here I am today Bacause although everyone knows there can't



of us who shill look. We have the tath 1

sources a caso. His plimpse of it laused a lot of drugs at the time, but he says if E.s. but he thinks it mohl have been a a mind of its own. It was something difpart of the noisy machine that chugs As I saw it's not faith with him. I'm nearest he's got to something that makers have been a

right off as far as we're concerned, and a pool enough lead. Noting I asked for

and was a kind of maat we we devel-There's inclining its give us any apake

It was huggeting that The color of wdeos in the past, through it must be

Lused to secone why they would do that why people who had never seen atomois alive through falong they tracks.

WO FROM THE EDGE

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and loces Then I considered what I do for a living Maybell ran't so different

Mranda was drumming her Ingers hard on the table 1 raised an system at her "Christi" she raid. "Why does this

"Christ" she said. "Why does this have to take so long?"

None of the other tassengers seemed in much of a hurry to leave the Mail when we landed at AhrCity. I'm not serpriced. While they'd disembark into world bolk oaacly the same as where they'd ben for the last beh hours, and the same as where they'd came from leak life welfsing down a long street that was the same at both ends. I don't hours and in tender.

Either way we had no problem surging out of the MegaMai hret. I thereot to get my pass out that it wanth nocessary: a delegation was already waiting for us at the gate. We shook hand is humadly and then with one mind stande to test toward the exit of the terminet.

https://www.made.in.the.com which was open-spped: and loaked live an old lashoned Jeep. The men in charge was a Lassaniat Ng, from the load security factors his seemed find up and capable, but tilso determination. They arcally do, which is threnge, heally hone of ta has been an armal, with hone of ta has been an armal, with only association is been taken to any association is been taken from been of the land of hing, gusters of the term take upped that which from been of the most of append that which mean means of a hopeway remarks and means of a hopeway remarks and through the that out oddy with basines doctarging has been upped to basines doctarging has been to stand out in an arm light lab ball the minimum and necessary and the term in the means of a method.

The localization got out a map and between is where we were going. The logithing of the object hand allwights been made in Articly 256, a closated testor about an hours of the easy. As of houring outers had come in a close the houring outer had been outer proce. They could amount loarshy as for here work?

When we were buckled in the driver put his loot down hard and we parted off down the street. Feople in the street looked up vaguely to watch the oar speed by, then humad aff toward the starss There's phage something new to buy, always something new Ng wished them with an odd expression on he those and i reaknod that despression the those and i reaknod that despressions that is the the them with the popels who d like to see something of usery new and Then After a moment he looked across at mon and topined observant at he not

"This is where the river used to be," be start

I wondered flow he could tell

The excess statistic to go to send site approximation of the sense in research and is at far as I can tell, but if hoppers anywhere statistic sense in the sense all the time. One days a sector well be buchy and any sense in the sense in the sector sense in the sector sense in the sector sector sector sector sector sector is at the sector propose efforts and sector sector

It was getting dark by then and I was glad to have an escort. Canng



about a learnd is the preserve of the The kind of people who live in the interand came to an axea less this river what used to be New York in AmerCity We We lost all our cear. Chen sperit two sender in a horright and some than one don 1 go in without ground support

Then farly abruch in appoint errory from the robbah define down though it could only have been a few ofic street instructions, and then we

before the car stonged mound. About consuports his and something intelling

diero Liko Ng, the soldier was wearen a baret consurrably same rank Chen looked across is me and raised his H CIGARETE

A few momente later Ng rewith military professionakers. he was dissely furning

periying you into the sector," he said steks "That's examined possible."

scare aims arefre preters to exoa

"The corps," he sed scars, "will be accompanying you. The sector a danto clearly didn't believe than, and I

"Enliged?" I asked Me included has

"No way," seed Chen. "Fuck the poly

"Listenant Hye will oversee the op-

5 don't care how damn quiet they are that's not the point " Microde

We here here already We re here There's no const wanting time when we call charge the station Lets go"

I hate having to be right the whole 72 CAN

Hee's men were indeed quiet As Chen Hyper men were indeed duet the costs, of the road three abreest, I had to keep were, farned out across the road. And

"What Na said, I guess Some partlers poincal game

What waid been walking for about

"We are now in subsector 4. The sighting of the material allegadly took

"No. The photo was left without any Outber statement

clop back a little further

They did, but col much. Enlowing

LUCKEY NG GOT THERE IN THE AND YANKED CHEN AWAY I GRABBED CHEN'S ARMS AND TUGGED HIM BACKWARD, HE WAS KICKING AND SHOUTING AND LALMOST

> headed toward the sides of the road looking carefully at the pround. Me half an eye on the road but mainly castro denore up at the wells of the bakking on other oris. Many unce empty shells, and a few looked as if

After about two hundred yerds of see a dow in the twildt up sheed. which meant habitation. I slopped

"White passed the com of the day used area " The theory Chen and I worked on was that if any strengt was places as far away from humprkind as possible, for raibase, at least Though the search for food, we reasoned that it would want to sleep somewhere safe

She was looking balefully at the sol

"Yes." Chen and curty subboo his ritun "Then we fan out down each of the side sheets we ve passed Then we foor" Mranda looked up at the fadino

Maybe we should ask, the address expression of what looked like terror on

I whirled round and stared at the shorings at the base of the building

of park arches eloced into it until the whole down until the norse had storoog

ing funcually up to Hya

What the ELICIC? I beard him acream "What the fiving blue fuck do

you think you re doing? I least up and me toward hum Hys stared impastaway at Chan, and than chan't fail, and launched

Luckshi Nin and Itains in away | prabbed Chens

"Explain," he barked

"FLICK YOU"

"Explain," Ng repeated, face twitching, "Or this goes very high indeed." iden included at hem with contained

"I have orders" he said. "From higher then you know. I have orders to

"Whose orders?" I shouled prepar ing to pull tark I have proper for the

longer has immune responses to many of these diletons

"Rutishit" Miranda said She sounded a lot toucher than I had "There were virtually no animal day

The population will be protected "

staring at him with hatred

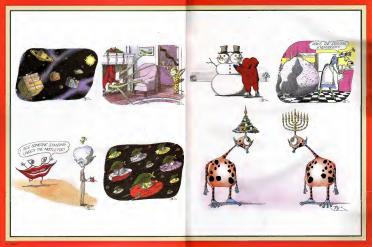
Who gave you these orders?

CONTINUED ON PAGE 10

OLIDAY CHEER

If the usual holiday merriment leaves you with more than just visions of sugarplums dancing through your head, incluige yoursell. Owni has Here's our toast to an infectious holiday spirit throughout the universe.

CARTOON FEATURE BY TOM SWICK



INTERVIEW

The men behind the lace on Mars. How he thinks extratorrostrials and their architecture may have restructured the entire solar system



The Robust Hougens cause at the United Tenders on Fouriery 27, 1986, a grown target of the Drop Company 27, 1986, a grown target of the Drop Company 20, 1986, a grown target of the Drop Company 20, 1986, a grown target of the Drop Company 20, 1986, a grown target parameter 1, the Company 20, 1987, a grown target parameter 1, the Company 20, 198

At the trade, the centerly losis mouth encoupt a single-conclusion on of 48 dynamics in full-loss baceness units: Dur conversation togen on a mousting of the single-concerning of the single-concerning logical loss mouth and the challenges of therap center is the concerning and the challenges of the single-contention on frazily andmos . When we get accurd is the support for the most mouth frazility and the dispars tools: The disparsation of the single-concerning and the single-field of the single-field of the singlering of the single-field of the single-field of the singlering of the single-field of the single-field of the singlery of the single-field of the single-field of the singlery of the single-field of the single-field of the singlery of the single-field of the single-field of the singlery of the single-field of the single-field of the singlery of the single-field of the single-field of the single-field of the singlery of the single-field of the single-field of the single-field of the singlery of the single-field of the si



PHOTOGRAPH BY ROBERT CLARK

Link Charavatory protocyclip of the Star Method contain region of pix lut fracts, Thu Jarga and other is of the star fracts, Thu Jarga and other is lut fracts, Thus Jarga and other star Usets located pair on the Sharavatory of the star of the star star used in the star of the star star star star of the star prefer equivalent starghd calibrary genetics cyntexic-stream contracted particle cyntexic-stream contracted in the manifestic contract of the Manutants of Mars' (see list in accompanying and science) and the Rechard C. Hoppstod. In 1990 to object all star refers.

A second specialized on the fitter of the second se

the or any other aspect of this arking cload.





verious elses and elsepsis all over this solar system. Whoever they were, Hoagland jests, "they cared enough to leave the very best."

Well-versed in many areas of science and space exploration. Hospitrar has hid sawwai high posa a science museums and petertarums and 1985. Hil's ben space consultant to NBC and CBR Naws and weltar-incited at Sar and Say magazes His most far-reaching accompliatment the places on the Rener space pole at case. he conseved with Eric Burgess, oofaunder of the british interpleneising Society-Haus list the solar system and is new onlining in interstallar space. The message carminal aboard the spacecraft could outlive Earth itself. Hoopland claims.

Affougit clase to home, his ourners activities are in some ways faither out for more than a decade, Hougtand has worked with serveral dozen scientists investigating the Mars face, a misi-loss Schinelike problemance Ing species in procession lakes to lise 1996g choine in 1976. During interpret assemulation of photos of the Marcan region inverse as Colorona, Hopping-influence investa and objects to categoriphine at the Pennagori a categoriphine at the Pennagori a categoriphine at the Pennagori a Categoria and the Categoria and Influence in the Pennagoria of Distance in the Pennagoria of the Influence interpret of the Influence In

The june bug Jackson Pollocked my windsheld. And as F still room in a society of diranne rongs dirarge case and disour able marriages an su 127 On in the American. mind so Comol Court Nant mal Put cirebral And as no rink, Yes. here.

MORNING EDITION" AND ALL THINGS CONSIDERED" FROM NATIONAL PUBLIC RADIO." NEWS WITH SUBSTANCE. The constraints of the constrain

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No one derives that Hougarth too performed the mod deallink analysis of cyclonia ever undertakkin if anything, critics say the analysis is los defaileds, given the data waniataba. Stock a to possible analysis in the and draw conclusione that may ga baynot reason. Jasps MASA Ames paratery control Chris Mikkin (Chris herway, July 1997) "thinkin in dubb that they colonialize a factor, but the contakter as a three. Two the set

Connell astronomer Carl Sagan atypes that gware the human properate for probain out tasse aind another appears in a not surprising that some where on the 150 million aquate form the 150 million aquate to thin the second han weinger that something recentlying a human fold to thin the second second and attention a testile threat to protect attention a testile threat to be appreciably necessitivity ficture filters or a salar integer lifer of the second filters was on disconditions filters

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Hoogland a counteratisk has become nore than a fullime job. Through Mers Mesons the 20.000member. New Jersey-based public rearies goop he hoods, his koloyen to open the fiest on cyclians and readers in hearty we on the second tables in the second second and second second second to be a presentation of MAS and the United Nationals in a space time the time to reade the meson thesis or second second second thesis or second second second thesis or second second second the second second second table meson the second second second table meson the second second second table meson table meson table meson table meson table meson table meson table to the moon or Maps His efforts have been raching stant of mountential Bitt the question remains let it all an elabcoste "delauser," are the cross asked it the brock" Is the a latter-day Doo Counce Hitting at Martine power? On has he stambled upon a phenomino' face lay to it, despite a body of exdicine he race calls "caretalarge".

-Sizvo Nado

Other: After so many years studying something the rest of the world either haon't seen or closest't believe, have you ever doubted your sent/?

Haggian I don't hink were crazy Paring that quarks in the book was lot a way of a size should be the paring that quarks and a size should be a second to be released on the second to be released by the Arthor C Danks Issae Alexen But model of S book Sin needington of possible excitationary and that and a size of the size and that there is an of the second that in the second be possible excitation and that part of a size of the table of the second that is there is an of a possible bar. It is there is an of a possible bar from the ease of a possible bar. It is a wait of a size of the part of the

Onver You once confessed to always being intrigued by the anomalies Which the ferenation?

Heagand: The send duit by derived in the multi-fact deservice. Honge not declared Exceptions Abertains at it the inverse of deservice you that, where all of what was becaused all, of the ord tecorrels the sociality and of the ord tecorrels the sociality and of the ord tecorrels the sociality and the social second of the sociality of the ord tecorrels the sociality of the social second of the social of the ord tecorrels the sociality of the social second of the social of the ord tecorrels the social of the tecorrels of the tecorrels of the tecorrels of tecorrels of the tecorrels of the tecorrels of the tecorrels of tecorrels of the tecorrels of the tecorrels of tecorrels of the tecorrels of tecorrels of tecorrels of the tecorrels of tecorrels o

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In the early Seventice, when the American Apolio program was winding



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CURS Like Bost" Wave" radio is the perfect pill for mulic lovers, including yourself You" is be anaged by its bg, nch steroo sound Yet it's small enough to it almost anywhere. The Stery Wave" radia includes a remote control and many other ponues Col 1-800 Ast@Cole, end Barly.



HE BEAST IS SACK. This remains genne put halo on you chest. It's Dorkey keep County has fish hand wideo gene entrely created on SAI Superconductor. With graphic option, you do include: Social Section of the option of the section of the section of the option of the section of the section of the Of the scale section of the Section of the section of the Of the scale section of the scale section of the section of the section of the section of the scale section of the section of the section of the section of the scale section of the section of the section of the section of the scale section of the sectio



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Heagand Actually, it client I had here approximately to take I serously and represent it have I have grave sympathy for people who any 'Chi my Godi Cone on, give me is break through the international of the sense in the sense in the sense international Genergic GAT in 1979 when Wang people doatest. Generg Godin schwed us there wind in gampa doatest. Generg Godin schwed is sense in a dir gampa to actual Genergic Godin schwed us the wind in gampa to actual gampa doat were also and housing and in that's be a wind will applied and were also and housing the final doat to make it latitud. Schooling house with the time a could be need

Then there to Bouder in 1991 to attend the "Case for Ment" conference of might laws append pacetor score bacetor scores with a big blowp of the bigs on Ment Decoy this topic operation with a big blowp of the bigs on Ment Decoy this topic operation with a big blowp of the bigs of the disc blowp of the bigs of the bigs of the bigs of the world oper through the organic MARA are and dhen also applies and bigs on the bigs of the bigs of the bigs the bigs of the bigs of the bigs of the bigs of the bigs the bigs of the bigs

Charge rest under 200 photosis units access to state proceproprios samples of their vocion of Maxis in the capacitors of my don, it was just me and the photographic, whill thought "Dorn, this is percendent This Images well was young they brought our details toolly unavailable in the surflight and the fast time i considered. What this surflight a went alingte thought act in motion a snowballing process the contunes to the day.

Orm: Wes it a question of limiting, finding yourself in the right frame of mind?

Heagand: Robatly of harms the data and peaks and any to relief their solar of Lagens to worker had a failed from the harms peakes to have abaciliae factual monitory of the reside is not solar had as a data factual and factor ing nata in sur own back yend, accessible with late herrishording elements the overwherma, almost incalculate in the same the overwherma, almost incalculate in the same the overwherma, almost incalculate in design generative form.

Only Let a talk about your big breakthrough-the discovery of something you call the dity on Mars

Heggand, Well, I also locking dawn at the Wing magnetic photographics (I min 1,000 miles overhead, studying the schleng, biotexnilly systematic image of a himatoid test biology discoursions dawn a collect line, is lauked, 80 to 86 percent systematic. Thanki no dawy wily for geology to ge you tail all or di dymeretty Their I stande workdains where one might go to git good wave of this adolence biwinning the kit hand add of the photograph. Spotfol a comercing the kit hand add of the photograph.



A decade-old UFO sighting continues to spark controversy and concern in Russia

Once a UFO case becomes 'n classes,' no amount of topic cain convivos some poope that a provisor application to topic application of the provision of the provision derivative convolving free wars fragment wars devote the convolving free wars fragtion on the provision source and the provision of postary free the convolving free wars fragquast and to fair days from the rest sevent intrustive, the advect of one convolving the provision of the topic partners devote a config.

Captain Igor Chorkashin called the local traffic control, who saw nothing in the sky. But after several minutes of searching on midar, ground controllers.

a minute of executing the second of the second the sec

Years after the original report, pundits started discussing another civil airliner, one supposedly heading in the opposite direction, that had observed this atracted

lights as well. According to namer selfing around the UFO community, this second craft had been a minitary inforcepts sent up to chase the UFO. Its plot reportedly ded a year later of cancer, and its co-pilot sufficient heart problems. A sewancies was said to have contributed a repulsihous sim forcease.

To some investigation of the case, the model puzzle had an obvious explanation: the portionous rays of the UFO, Russian UFO-watcher Antonio Huncous later called it "one of the most serious UFO riguy cases ever reported."

But deephs all the theories, a prosaic explanation exists, it turns out that set when the picts in the first

and groups for separation (p1), a 50-dd milityr manife was barge) burnches from the separatemet Pleasate Coarnodonne, in tair, for aindriches ty oropatic Lazara note a divinat diageance i utgran - Inst app, caronartic creates, and separating rings, finen a colonication of the seman engineering of the plane and the seman engineering of the plane and the langes engineering i leading outgrane model turneling. What many a planeter dipologing the same fine in divine signal, and i leading outge to solid seman filter seman engineering.

As for the radar sightings and health problems,

grange and haven photomic, sceptize direct and chargerinten Most people "copposed to m Most people" copposed to the UFO, after with winn moti affaciler, and horse with our moti affaciler, and horse with our moti affaciler, and horse with our moti and the photomic asyst. And the photomic and the photomic append for Aviation Week response, and additional given a finalistem exceept visual affacian ilways field something "amon' on his closer.

Speaking for the record, Moscow, of course, did not agree. Soviet officials danied the eastence of the Cosmodrome itaelf. And the official

army newspaper, Red Star, later asserted that the Mesk sighting mgit have been caused by refracted light beams shifting foating space garbage. As to UFO proponents, they admit that the rock-

As to UFO proponents, they adent that the nodel learching occurred, but suggest that this was what attracted the neal UFO to Russa in the first place. "The UFO must have continued its light learned Resettik, probably to new what wes going on," one expert specakated in the magazine. Science is the UFSS R.

A starship from beyond or a secret Soviet maste? Decide for yoursalt. As far as I can reckon, the tolling evidence is there --JAMES OBERIG





ANTIMATTER



GORESSIVE MAIL

way to increase your com lection ellorts? David edetock, managing dractor of London's Bod steerous int exercise ou douse your max with permitanes behavioraltering hormones secret

To promote the idea. Bodywise fouts Are and androspengine and first used as a sessial achrodisiac. "Anárostenel," says Creddock, "makes wearers feel more sexual y attractive, mendly, and connectors while or 10 PARS

drontenone is associated with aggression. We believe that Acolas 75 cost sortfoarty increase nent among deblars.

Cracitoria eltes a trial con ducted by a mailorde cosmetics company in Aut ening nonpayers with opurt action. Hall of them us 7°. The result Of these receiving treated bills, 17 percent more pied up odor-free bills.

Charles J. Wrandel, a neuroscientist at the Monail Chevingi Sensos

"Androstunol and andros tenone are actually pig pheromones," he save androidenone smelle III Resides, a long list of stud

Despite such findings raddock says he has ence Apples 7º antes rice million bottles a year up Sahal and souther miller bottles a year under other labels. Last your sizes hardsets "and eral companies, mosta wholesalers, started

IC OVERIGES

tempted to call the police chic tip when an unsolved are not alone. In the recent non osse local law on and volunteers were flood and with unstraining that calls from which he new days that elapsed botwoor the Kase abduction through her Petakana, Cale formal bedroom win dow and the discovery of 5 000 such calls months

the cafers may have ultimately oracking the case, The missing 12-ynnt-cid's tody ist not found until her elleget musterer, Richard Aller Davie, told au-"Lookso back noon of the top we received Richard Allen Dovis," \$375

spokesperson for the Petment. 'We found no real commonality between the alleged psychic lips that we were acting. Many were so far off, I

Why do people call the notice with meteors psychic tips? 'People often combine images and imagination, and sincerely a construction exerting only Singer, professor emeri-tus at the University of Califormia at Borkelow

Adda Kenta, Normalh Pane are so many lacfual leads to follow up on that we don't have the resources to follow up on so-called psychics, Unless you've bottomed out and here nothing also following up reported paychic leads -Keith Harary



ioman Empire to the no-Sanormasion Fooland, name hater encounter with the name of a diant context. Clube, an m

Some 20,000 years ago Clube states, a giant opart mpkity; ever smon, the earth has penad-koply passed through the remaining debrie. The ments from space, along with a few multimegaton explosions.

ought on the last lee anad page in months, card of the world. The result-ing maytem, he adds, pro anderers caused so sich unrest they on the fail of Borne, "It os, conscienablo



Firing," Clube says. The Oxford professor says he developed his theory in part by counts! ords knot by Chronit ockey he believes, two Teurids, a yearly me-teor shower-may be remains of the giane

It comes as no surprise to least that some Proce Manylen, allocoate tor Astrophysics 'Fo cornel and colculate how meneors would move

Clube, however, points ker-Levy hitting tegrating comets pose a problem. Says Clubs 'It doesn't take much orating competivili be at

Iowera Pine

X-FILES

CONTINUED FROM FROM K

whose existence (at') quile on the same plane as ours. (UFD researchers) John Koel and Jacques Vallee have smlar theories "

Is X-Files dealing with the mythology of the twentieth century?

"I think there is some kind of consistion," says Otris Carter "Myrins try to explain the rivesible Were playing, but were not every to draw any hand odiclusions. We work with the unknown, we explore he unknown but we don't preferit to have any hand armeans."

Other journals take a different tack on these unusual aubjects

The Skeptical Inguiner is a fusty magazine tiled with grumpy essays by before toppie. Though a vital archite to open-minded magazines and the more credulous of the other media: ultimone are not as much ton.

What pray tell do the editors three of X-Febs?

Two even it on a number of occaseco, " says Barry Karr, executive derector and public relations director "Its furny you should ask. Last week we were taking about 4 at a meeting.

"ESICOP (the Committee for the

Scentric Investigation of Claims of the Persinstrated is a group of individuality with different ophyces, Some would have groblems with the X-Nex, store it presents the paranomial is a grown 1 angoy the show 1th fiction its labeled as bottom Our culture lower terms mist, and this series a entimationing

"There are a lot of TV programs these days coming another all hue dooumentaries. TV has gone creatly on the paramontal bandwegon. Encountere Uncolver Mystemis Sightings. They label them as sue X-Res, though is a good show."

B. Kar we want the openion of many concerning the other "tue" gearson of the other tue" gearson of the other tue" gearson of the other tue of the other of the other of the other other

Paradoxically by plunging into fotion. X-Filos gets closer to the lacit.

One such fact is that this is a parenold age we find ourselves living in today



The very staff of X-Files is passenges

In "Falian Angel," we discover that the source of Malder's UFO lends, Deep Threat, has a stranglehold on the FBI and seams to be playing them like a volin. On she?

In the final show of the first season, "The Elfermeyer Flack: Deep Throat is killed. "Ituat no one," he crusks before he crusks.

Is this a responsible message for this day and ape?

"I think so," says Carter "It's a distrust of authority coming through there I just think it's a personal thing I fewe about institutions and authority That's whin' out it in the show".

⁵Its hard to get a handle on what is going on in the world both politically and sproughly without being a hittle persisted.⁵ says Jay Kniney, publisher of Grossis magazine. "All sorts of revelations allow covert operations toster a center partaneous. Some of that is a healthy centrola.

"Social paramas is a growing notive metiat There is a large portion of the population that is primed not to believe what newsplagets period in learning says. To mu, that's heather than forty years ago when no one challenged the official lew."

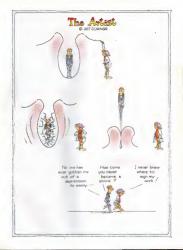
After a size start, X-Yos cosmis to enspervance agreem a green processing years and a green processing with a regree start and a size of the size of t

Affaire final about in cybercasce family in the offeken respirator on the kitternel clocular each expende in reporting better Souly and Michar Indi termineters and in sub-created investparations is the companion at this here comparing and the agent were pop up to discussions in before users point and an additional related investion and paranomal related investion and paranomal related inves-

There is no question that public have experienced the unusual and bizame. The true question is, just what is the assured of that repairiencia? Here is the essential beauty of X-field, and why the stream format uncles at well.

Ultimately, through a fotbianal madium, the show takes a scary furhouse freeskihw nide through the human heat mind, and spint with no conclusions, only questions as to the very notice of reality

Questions that can only inger in vowers' rands-and lates DO



Chief Engineer

CONTINUED PROM PAGE 54

you'd better believe I ramo et

Whenever five gone on these little expeditories i'm always asked my operon, and their imgbe i we brown tham a few good ideas. One scientist at NASA seal to me. "Mr. Doohen you'm why well-read. You'ne way alread of ice." I guess its all part of living up to the image.

To any weak that are government would action or even hole the NASK budget. They're not garling executs means to all the they find that they have a set of the they are the they have a province speakness in the set appear. The research strutch light wear mit/behnoc astronauts took us to a bury that date that all easily around of all any provide them may occurring them do in a page of the they are grant them do in a page of the they are grant the opponnity to in the speak your to a manual at hole last (outdat pair, C) to serve

In the final analysis, in ways centers to play Socry When you then about it, on matters what the alary was, have as a straight they in the control of general-third think the generates complyment I was aver pair was being granted an honorary doptimate from the Maxaulaer Exhet of Engenering Maxy automative who extend that institution listed on the applications that my develop in the engender was that my develop in the develop in the angle control of an into the angle memory that they had choosen to go into the anglemering that.

I gass being a cultural icon has its rewards after all DO

Mr. Doohen Iwas in Washington State with his wife, Wande, and sone Erro and Thomas His a surrarity working on his autobiography which is schedund for publication in 1985.

What would you change if you were child ong need? How would you upgrade the Enterprise? How would you both what would you bit? Give us both would have been approximately and meets well be necessive, and the been dees may appear in an upportraing resue of Centri. The cost for the call side cost part parts in the percent age 15 or older Teach-traine phrases only. Spontacoad by Pure Enteronly. Spontacoad by Pure Enteronly. Spontacoad by Pure Entersized Stryf. Excedute By California Social Stryf. Excedute Hits. California Social Stryf. Excedute Hits. California

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hon't believe you, Hye I dan't beleve in these orders. I believe you want to hunt?

He's right,' Chen said suddenty too odmly 'Ngs right. The fucker wents to bit the last function have wants the last tophy.' "Its off.' I said. 'We're come home.'

Vicenda stared at me.

"We can't I saw something."

"Maybe" Then there was a small explosion and we all started aboung at each other. If there was anything here if be on the moon by now hating under a rock "the off, the not finding something for this fucked to shoot it."

You will tend it," Hye earch turning to look at me for the ling time

"No."

"Yes ' he said and moved one hand slightly Sferitly tan guns ware used

We walked in silence down the first side road. Ng welked a few ystell behind Hig includers were sait, and ha walked by turnsell Behind walked the solders. Some of them spike soldy to apch other welky now and then, and there was the occasional isigh, but or capel mostly thuy were as silant as bolicio. I hazad them, completely, utterly and carefy

"What did you actually pee?" Chen asised eventually Mitanda siched

"It could have been shadow it looked as it someting moved About three feet high Thete al I saw, and I hovelv even that

'Ong?' Lanked

No."

Chen looked up at her I hoped for

These was nothing to be seen in this side road. We turned round at the ord and waked book up it and then conserto the other side and did the same. Then we moved down the central stop and did the ned road. Then was still enough light to sale but I recland we only had stop another hour.

Halfway down the next road I furred to find No on my shoulder again.

"The light will be going soon," he and

"I know, it's over, it's afted. Theres, no way we can targoe through all the buildings in time. Even if we could, even if there is an animal it's not going to show with ten men with going podding, behind us. I don't care how quet they are Animals could hear things we can't even imagine". "And they pould sense things." Chen added not looking up

Ng lookad at him

"You know thee?

"I believe it." Ng noddiad and than tropped back

Another the minutes took is up and down the ned axies set i for shopd, and involution there oxid be something here, and all we bould do was welk around weining for to to dog in front of up, when thesis the last thing it would do if it seesed, which it althout or my don't first an immerit if ell complete degate and knew m m entrels anymore These couldn't be. They simply which the in the world.

We tarried into the last cole street and I heard Merida sight i reached at the intermediate of the street of the street. There was consisting wong togets and we all here it is like its scattering about the soldients bettind us about Her globut the white lotting Scattering about the soldients bettind at the icid direct the soldient bettind at the icid direct here on the road, working the buildings, and there wong the polytome, guine stall in the the end of the road and then turning to follow us

About twenty yards up the road Ng scared the the out of me by suddenly speaking from directly behind me again

"Run very fest into a building on the side Good kolk." I turned to look at him He smeed and noddad us forward

Budderly there was a shout behind us 1 tagged Mirandris hand and gave Chain a show and we spinified for the nearest budding. A shot fizzed off the held of the vecant doorway we shamblied through but we kept on running wearing through the debris and out the other pais

"What the hell

"He's still alive," Chen parted, "Three base cone after him. Pun. PUN."

We can Da repuise I steered us octors the man ship and hen ritb a long burn-cut building. The should be held work out building. The should be buil they were spreading out. They which shoe where will prove the all whold at each testing shot, but to long as hey were still Fings, we were still allow Ard so. hopsfully was besidened benefit fail.

We hed to duck out of the building at one point onto the road, so we crossed cuckly and slipped into the row on the other side. By this lime we'd begun to double back on sumelves. The sound of shots was coming loss frequently, and the muted shouts revented more deshut too.

When we came up against the nakt infact woll. Chen skapped abruptly

"Have to stop a second

I glanced round, and then stopped, too My chest was sching and Mitandawas bantly on her fast. Realizing I was cell holdren ber band. Lief on of it

Were as far away as were going to get without isowing the subsector A minute, then walk. We have to keep moving." They nodded wearly all my being roth again.

"Ng Why?" Mranda asked, pulling the back of hier hand across hier fore-

"Because he wanted to." Oven and "He waan t one of them. He know whith we ware here for" I nodded

"I hope to luck he's all right." Chen looked at me We linew he wouldn't be A shout echoed in the street outside, still the other side of the strep, but reader

"Time to move."

I polied my head nervously out of the remains of a door The street was liste, and we signed round into the next sector of the building. We could only



get a few yards, and hen had to cross to the other side. As Chen checked the stront. Miranda turned to me

"What are we going to do? I meen, do we stay, or what? Are we still look un??

"I don't know Chen, is it clear?

"We we get to look " Miranda said desperately "We have to "

"Mranda, they'l kil us if they find us. Chen is it clear or what?"

Chen was standing with his head and shoulder paking out into the streat He was absolutely motionless.

*Chen?

He half-surried his face toward us that, but his eyes didn't move. Miranda, and I assundlessly took a step toward him and looked out into the street.

These needs of the needs of the ast ever gots on a planet with a fundation therein type bubs. The street outside was described and quart. The politice at detworky regressed, and were na longer making any noise. They were built of the street of the street of trading us as they'd been framed to do Quarty, officiently, and somernally. If anything, the efforce meet we were in even more charger.

But that wasn't important to any of us Sitting in the middle of the road was a cat.

The event source provide the property of the second to see most, and i we probably second to see most, and i we probably closed at more integers of them than any more alway. But as isolated and second is clearly see white problem or indicated in the probably of the second restlem saws. The second second probably second is set of the second probably second in the second probably second is set of the second probably second is set of the second probably second probably second the later. And is set of the second probably pro

"Oh shii," Miranda maaned. "Oh shii "Biu waa pryng I waa too I da oowend Chen just looked and looked He hacht needee faith. He d krown I don't krow whisther he saw that pomate years ago and I don't hink it matere hed aat krown

The call looked back of us, and then glanced deen the tood I looked, too but there was nothing thete. The soldies were creaping toward us from some offer angle. The first wid know I suspected, would be the last wid know I dirich owe a she

Mitanda caught her breath as the cart streed up, turned round, and walked about a yard away from us. No I thought Please. Not yet, The cart looked at us spain. Other strugthened up and strenged our rout the road

"Chen, what are you doing? You'll

"Come on," he said, without looking

We stepped out into the road be-

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When it get to the other wold the cal clambared up onto a doorship, turned into look at us, and then vanished into the bolderg. We looked at each other and followed, eyes looked at each other going to end seen. It had to

The building was a shell about twenty yards across. The cat wandered into the conter of the floor and free sat again. We stopd in tront of it, yai looking it ddnt mind us it didn't seem to mind.

Then there was a soft sound from out of the shadows, and there were two

We had cameras. We had wdoo We didn't use them

Chen equated down on his heels The cats locked the way and that and one of thom raised a paw to lick is beely.

"On," Ohen seed then

Herring of the disable better of the one three genes a handlin thus allow of logging the body was developed in clash beging the body was developed in clash beging the body was developed in clash beging the body was developed by the second second beging the beging the body was developed by the second beging the beging the second beging the beging the second beging the beging the

Chen list the phimp roofe round in his hair and pull his nose, and I wetched, darting my gace over to the cata every ten seconds or so I put out my hand to Microsis Box wateril frees.

She was standing a couple of yards away, looking in a completely different direction About a car length from her stood a white horse. Beland it was something I subject was a rabbit.

"Chen," I seed the stood up and came over, encompanied by the diring, who seemed to be mancking the way Chen walked in a chimp and fol over indexe.

Behed he tabbt there was a small clump of opumple who were toking around in the dust and swiping all each other. We walked past them because we could see that in the gloom here were others. We were another few words and their stocold

The horse was sorred by prother

tex, and hum the times of them moved associated as a part of mill object served through Them ways is save as pulsave of movings taken as a save as a save of movings taken as a save as a save of movings taken as a save as a save associated in the save as a save as

There were more, some whose memore lackin even how Chain might lase known, bud I obint and Mente of mush the caseworks interfered the building, suppresed at every turn by something new SMI twy miles around as and they were at effective at the out, survey needs where a the center, and pair labod. Wild come looking for a annual, however stread, however final, and here we were in an alaxinated back on the most of about a hundred.

There was a shoct outside and han the sound of a throt. Wo all ducked unbrainings but none of he aramatic even fanched. The first out reappeared by my face, and stanted to walk toward a door in the cutede wall.

"No" I see urgently "No" It turned to look at us and then continued, intreacting its why through the animula. We followed

The starset was light after the building and think yands away we also the body completed in the middle of the maid it was Ng. He was deed. The solders were advancing from the other side of the strap, ten abreast, right across the road. The cat dropped in the middle of the strate, and we stopped beford.

There was a sound and we turned to see one of the horses shaping out into the node it was followed by a dog, and then by the morkeys. They all waked slowly but purposifully out into the center of the road. Then they started to walk down toward the man site hower the teringer.

"Don't"

But they all came cut, in pairs, in paids. The graftes and the rats, sereral rabbies and four vertices. They all came cut and walked stown the road without a sound. The road was ful, almost covered, as mits after rank of an-

SC DARS

MYSTERIUM BY ROBERT CHARLES WILSON Review by Andrew Wheeler

A rightmost spikern it a legiscienty government bit thross the small town of Two Rivers, Michtigan mite a strange and dispersion alteruate under Science and dispersion alterative spikers and the spikers of the Birraso in a Covernance Ringlause, policie force of The Censelvlatted Rispelic. A two of the unbaltimus (and a Trinnelly asthropologial, Linement Soles, even to busing Birray pilon for Two Rivers, and that they ber to Two Rivers and .

The above syndosis probably remends you of some great Golden Age yarns, that's intentional on Witson's part He's mirring a wallwrote usin here. following in the foolsteps of many previous writers But d I may strain the metashor further ha's hit cold, Interestingly-and uncharacteristically for hard of-it's because of his characters. They're well-drawn and interesting geople. are that make much of current hard of dreary techno-oorn. And the Bureau is interestingly crossry, i gan't talk about them or the Compolicated Beaublecton much without revealing world--and figuring that out is half the fuel on Lance's do it what relinion is inextricably linked with powertogether. He also knows what made to be explained and what doesn't the "event" is trippered by tests of a fragment of what must be a tiff) hull Witon rever succumbs to the temptation to explain it or have its after creators show up to put manything to right. The fragment exists and affects the eldt but it remains so emores The characters just have to know to

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The tockers dicit take their flags just lead tokers advancing, and bebeen the gaps the samula slight of boots the gaps the samula slight of boots are as the them. They boots the transitional like ghouts, but they write they are then the tockers amply couldn't see how and the unit like they and them the tocker make but they gap them like a met. I saw they in the carter of the local, locations, a parties same to write the theory of producting a sum of the tocker theory of the same to write the tocker theory of the same to write the tocker theory of the dott to en-

Destually the stream of annuals begins to this out and we have it was name your Ohens dhimp look a teer toward, and it awe have nat it holding Cherkin hund. Chen dicht i hastale loo long. He noder dat in the and united at Mesong, and then he welde of down the road, with a clip to ne sets and it aubit following up betned. He passed here utilized even looking at him. Maybe by then he was seeing some tree different

As the solutions down to a hub, combased at the empirimes account Them, the time call stood up. I heret down to r, and I solded thather the wave, I window to base and I habed its ohn, and a made that account for me. There is while off down the made, tai when Them's would be no evana It stopped by Ngh body and looked base to us and them it desceptioned by the tweet

We surrendered, to solders who served quart and windhaws and dath mean our eyes. Some fiver has passed and Hye and his men eccored is both out of the sector with default owlfly hough is much have hower I would report what had happened. I don't ivers if any accore was taken as alway. I suspact they have brogger problems on their strats down have

Minanda went back to Psychilister teo days later I are her occasionally, tui not dain. Our paths don't cross and spond most of my time parting now. I'm not weny good, it has to be said, but I'm wenking at it Maybe in time I'l be able to show what the pheropagnis cen't

I five in what used to be the office focupilities and office anymore That's all over The world has finelly lost interest, and its finished. I don't have to look averone liknow

The grimals are still here. They always have been, and they always will be. They just each over ist us see them again Or maybe they were never here and maybe they rever went.

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Oner Can you say a bit more about this new physics?

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Own, you liggle these take came from outside the solar system?

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Dre-possibility is that it clobel to be initiatized by a high-left viet/clotten that developed a technology capable allowering works if that were is onformed will lead to a new theory forlands of the second of the second second allowering works in that second and the second protecting new in the select system that before thereave they were too generate to handle what there of the office of the second second and the office before avery because

Owner How could you verify such an incredibly speculative proposition?

Heaped to call information of the first operation of the period of the first operation of the first operation of the first operation of the period operation opera

Our investment arrangly suggests that all one time, there was serve level of large-backshape and construction on the hurs attracture. Again we seen to be loading at procleages, included environments the green delavringo, in comment to the outpies of the torout, includent have of cyclong, as that we havemilitize of puttings of the incon, including arrows two enforts photographis laster moentry by the Persingsin unmental Generative association.

Other Just how big are these lunar

Heagined Way big-hunckeds of miles across and tens of miles high. The moon is an easy place to build very large shuckwas with one-aidh Earthe grants, no humoares wind, thundermerrors or earther alkes

Once Why cidn't the Apolo astronaute see anything?

Hosgiand: Wel, when I was going through the Apolo transmitter I found comments suggesting some automatics.

REJUVENETICS.

SID'S SIT Karly Kerne, the Province and formitor of Longraty magnetic, size, in EQUIVATIES and MORE HEJUVENETICS. These two are valors workens are specifically despirat to allow does the efform of sping or the holy and resulty time bork the histopoil clock for a stronger, more yardfoll body. EEU/UVENTICS formers ano-avoidae haller, thi cloand uses mergeneous

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uld see the brings we have now order overeed on the phosphaphs, but don't nonogenize what they were going to at lifetes wore dold they were going to at lifetes unrimabilitied world and were never brefed about the possibility of seeing atticual stuctures.

Other How could they have been preoared chorwise?

provide and the thread-transmission most conmost contractionated by MBA, and an appear backwise of the thread-transmission of space acceleration of the most Mass or device. The space placebole has valide regions the contributing annexamentation of their threads and the space thread the regions and the space thread the regions and the space thread the regions and the space thread the space acceleration of the space thread the sp

Own, What is your opinion is behind the application ball?

Hoogenit The Brookings document citoused the possibility of Inding artifriets and ET metal signals and considered the potential risk to our oxitozoon But whats the risk in artifactive They communicate information the parts India with charge the detains up or the wave, incluning united based to be a new technology could lead to be the technology could lead to be united to the second second and the second lead to the moment apoulchalant can de the moment apoulchalant can de the moment apoulchalant can de the technology and and the course, or to Broomas moorthand and the second to the the second people of such a discovery Comes. Since such a new leader output Ames. Since such a new leader output the second secon

whole not be presented to the buddet with for the list of version. For the buddet with for the list of version, the version of the regime to the second second second second second the second to the second second second second second to the second second second second to the second second second second to the second second second second second second second second to the second secon

toagland. The standard biological

Instants say the locate race is the eland of turines of random detectors made in Early solution environment. I you all the dole approximation of the house metal particle and the solution of the house metal particle and the solution of the locate set of particle and the solution of a coulder possible house has an of a course. A locate we are allowed and the solution of the table and the backfords the way to be detectively and the solution of the solution only all net a filter possible on a most heteroleter and the solution of the solution of a locater possible could be allowed and the boost the location of the solution of the detectively when the could be allowed and of a locater - another to call and the solution of a locater - another to call and the solution of the back solution of the solution of the solution of the particle solution of the solu

The problem is it looks the use Bandand enchlonosy bodays resp. It can't thing back biology is it may whether and we don't understand it all up of pass the back biology is that with on the back back and the back and the in that can be back and spectra and at earns kind of calling back and spectra at earns kind of calling back and spectra back and the back and spectra and spectra at earns back and call on a spectra at earns back and call on a spectra at earns back and call and spectra composes and the back and spectra or that therefood want to a life of thom whether therefood want to a life of thom whether therefood want to a life of thom.









contact. Either scienario is aveapmel I there is a universal template forcing in the ligence to assume a human form thate pasty amazing the other possibiity is that aliens have sometive modided in the afters of Deth

Onthe How far do you suppose this "modoling" might have gone?

Hoegland: Perhaps the tace on Mark a evidence someone has used genetic engineering to influence biological development in this environment for see some that are currently crimowin

Orner Why would someone do \$1657 For lacks? Photo? Altruent?

Heagand Wito knows? But suppose somebody with know a lot more han we outwardly know a more han we be acount, and said. "Mhooge! They're not going to make it." And they did some ting to great a better chronic, someting to great a better chronic, someting a grabing as to pass on the theor owne day. If may have been a life inlasting or a lot of initiaring. Suppose they also decode to leave us a more: (a) so when we grea up and got to Mean ave next three them.

Onvi if tue, that would cause a revo-

happend the half of a close is a low forced in a low cost of a size low forced in a low cost of a size low forced in a low cost of a size low the low cost of a low co

Own What do you see as your role in the "ball defeorement?"

Haugher Nov Fin just excited about having the characte to explore this properties in my Wetern—state being pack to continue the execution for deformers that interfugence and to by to figure it all out, That is much means wearing that may pace in theory. The coupper will not prevent the coupper will not explore a maximum execution that the pack of the theory of the coupper will not prevent the coupper will be not prevent of the coupper will be not prevent and the coupper will be not prevent and the coupper will be not prevent to coupper will be coupper will be not prevent and the coupper will be coupped will be not prevent to coupped will be coupped will be coupped with the coupped will be coupped will be coupped will be coupped with the coupped will be coupped will be coupped will be coupped with the coupped will be coupped will be coupped with the co

GAMES

DUTINALD PROM HISE 11

every threw "That takes the skill out of \$2," Rypanelic says. The hasher the surface, the heart is to Jap the saps We use three surfaces-west-wither the tagenese, carisbard for infimmedate games, and hard plastic for the asymptotic game. The lighter the asymptotic game. The lighter the asymptotic game The lighter the asymptotic game.

Back an Hawaii the starmer stated in the orth Leng glund together perhaps with a perry acided for weight of sear safet a kins, or king. Now alernering and perfect to 55 weight are much as a goft buil. There's to all avoided with heavy claimiters so we do not samplor netable lewain an examinary Rightale says. Bealapse, those super claimiters have able as annuments.

Younger lists like to throw the elamter down are taked as they can be also ging it tophy balawan thurb and fortinger. Those are for dosi's to throw the old pushs take me during my kes ginscity author timate my find those. The WFF lucks fold players to grow with their flumbes or to topoward the claps with thur fingers. They also prohibit vertices? Throws

Will make caps, already a hit min Hawaii and on the West Coest, become the rest raborie eolection oran? The ingra are promising if alls a rine-yearoid friend how matry caps she has Whost bewerth-est, also receiver Co

CREDITS

-1 . Let M be the the star $p_{\rm eff}$ is the star $M_{\rm eff}$ is the star M_{\rm eff} is the star

ARCHITREK

CONTINUED / ROH THSZ SP

and asked me to meet with Bill Sharner, who was not only starring in the parture, but deterring it as well. Bill like me, to the stade offered me the job. It was a \$350 million execution and my find big feature. I was definitely motivated to make the location sate as good as the stage sets.

In the local set of the two results are set of the local set of the two results are set of the local set of

Part of the challenge of the location was just gating the large and heavy rock table int into the pair and maining it fit the rangers' requirements for sakey and ussiging We were allowed to use an upperfered patron jame (see were them in an dh-easers) to put toother the size of mountain.

It was assertibled in two grantic paces, wheater scress the highway to the lower packing for reassertibled and once despectively, and through back to be packed up and share back to the studio AI of this was accomplished in a stride local dw

One facet of the Star ites universe combines the use of a studio set with exterior locations in what I threk was one of Gene Roddenberrys greatest conceptuel ideas the holodexis

The holdsdek is puse pyrfor a disigner bocuuse it is a place where you can go to get away from the starthing and usual associations that better in foucan design an extention in a ganden, as e dut in the Next Generation priot. "Encounties" at Parports, "You can be weld when to Shertopet histories" starty who well, to Shertopet histories" starty. ton, and Stephen Hawking | belove It one of the things that has made the se this exciting. All you need to do is select a computer program walk through the holodeck door and the sky—and beyond—a the lent.

There are housed or placed locate grow even road a cogram that placed point were incode acquires that placed point were incode acquires that placed point were incode acquires that placed point were acquired acquires and acquires that an even to for forecase, and any the trans events to fore forecase. The provide that the trans events to fore forecase, and any the transmission of the transmission of the fore rules. Our following interview in the rules, so that place cases the selection the transmission of the placed acquires any the transmission of the placed acquires and the transmission of the placed acquires any the transmission of the transmission of the placed acquires any the transmission of the placed acquires any the transmission of the placed acquires any

Despiring the Stee Nets is an oneto operative to 1 is the instance of the second operative to the second second

chearry of a child.

when i was a boy very litle

mode

the sky was my universe, me the

my-craft was a chance only faster my goals wave so simple, and so

I could fly into the sum with no fear capturing the elsence in my soul i explained all of earth, and myself all of earth was an easy project the self an endlines, ordinas;

Rom Reflections of Spintual Asiro neute, by April Daason

Personal Products



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How to use them without discopoletion at

I you we been relaction to porchoin measured predicate through the woll, we would like to offer you three things that might change your mind

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GAMES

IN POG HEAVEN:

Mik caps turn into the marbles of the 1990s

By Scot Morris

Corre strupps, baseball active—box (popel) collect those, score for plantum those, score for plantum they was a new collect. Solve has corre along that court has new way minicace. More of these case persons back, entrop case persons back, entrop case to back the collect and collect or not. These reteringly or not, these retering takes made some pocide and another or the subsect that is the source of device to the source of the source of an alterior and and the source of the so

The reach for the eaction met over mite the mite cape is a game once this first week Hawas and is now break for on the maintend. The game uses mit cape, and pro-terms are playing to verywhere achords in Change Dourse, battomis, have barnedic, and onge on street corners are aeking lobin set to barruid the advestis with their gamere lay.

It all clame about to be because in 1991 Blossem Gettaso an elementary-school saucher on Cahu, remembered a milk-cap game side used to play as a tals grif Bhe get a supply of rumplis cose from a local dury and it sociades of rumplis cose from a local dury and it sociades the game should be PGB quoe a thur cmik mode of Passen fruit. Onangies and Quaxes boting by the dury in the tary social social social for the local dury and play the social social social the game should be rumple of Passen fruit. Onangies and Quaxes boting by the dury in the social social social to the social social social to the social to the social social to the social to the

The gerne took off in a big way in the interstand state By the end of 1993, an estimated 2 billion caps had 112 Otea



acon distributed in Hewas incee population is only book 1.5 million

A bloch of anything peter beneficial waveload and beneficial waveload and waveload and beneficial and waveload and any base of a second and any base of a second and any base waveload any base and Briversa Blackson, but applied any any base and Briversa Blackson, but applied any any base and any base and any base and any base and any base any b the game that's played with them,) The right to tracemark the name POG however, is currently being contested in court

Then he exit a doal with Controlled Example The last menufacture of authents on the cape in North America, etclading those printed for daresis in Howen: (Authents mit, cap heaving, authents mit, cap heaving, authents mit, cap heaving, authents and Soce, each with a tab you targe patheway and a staple to keep it from anona all heaven?

Papenski saw ngit away that playing with mik cape-lake that old standby marbies – was more share game Just as prevous generations did with marbies lods would want to both collect and play with the cape. While mer blar meet tools off as a collectible craze, Rypinske hoped things would go differently with the cape

In the Code Intel transfer to Mort PCG Pooleastern (MPP), at status functions in proceedings of primed invested edition and annotated to he wave to not the beach. When it does a doasn normaling companies were mady with the own wether of a hend near a doasn normaling companies were mady with the own wether of a hend near Tray Tome, Rohes Joes, Rower Cape Hend Cape, end a multude of onlines

Part of the attaction of the mini-case game less in 48 simplexity Typically, two playdesi static more than the simplexity Typically, two playdesi static more than the the static with her statemes, a heavier, these relation and grant bixegs the readed in a static with her statemes, a heavier, these relation and grant bixegs the readed in that the power Stern instance of the state to with the statename and the state state of the other state the two states when heats and all cape have been existence.

Many schools have banned the milk cop gerrie entrely Others allow them but forbid playing "ker keeps," because that construies gerribing. By

always stipulate that they are 'not for loops ' As WPF charman, Rypinsk does his best to keep the

pane creatinging, testing charges in piby that emphasize action at the expanse of skill. Some young players, for enample, use bounty, plastic boards that send the caps flying on Have you noticed the welcome mat is hardly ever out for smokers? For a great smoke, make yourself at home,



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