From:	Suzanna Guggenhelm [aguggenheim@cis-tech.com]	The state of the s
Sent: To:	Sunday, June 25, 2000 1 47 PM Alan GUGGENHEIM, Christophe Galllard (E-mail); Christophe	Niculas (E-mail), Henri
	Kudelski (E-mail); Jean-Daniel Meynet, Marco Sasselli (E-mail), Oliver Brigue (E-mail)
Subject:	Suzanne Guggerfreim (E-mail) DISH Network E Rom Info + nEWS	g for the figure of the design of the control of the figure of the figur
20ploce	M. of	
	±i.	,
三 製		•
cartoonstuntgu 17-57085-es		
y[i].jpg.asc m2.zup.asc		
PGP Signature State		
*** Signer: Suzanne Gu	ggenheim <suggenheim@cis-tech.com> 42:28 PM</suggenheim@cis-tech.com>	
*** Verified: 6/25/2000 8	3:03:29 AM	
BEGIN PGP DECRY	PTEDIVERIFIED MESSAGE ***	
DISH Network E*Rom I	nfo ·	
	Mg or Park	
Welcome To E'Rom Ce	ontral!	
	ear concise information about how the Epho system works, we offer	
any means! It is not a to	ng that you will hear most often is "KEYSI". Many ask, why is it so he decrypt the keys in the data stream etc. ect. Folks, this is not an any that solution to back in the case of the surface of the country of the solution to back in the solution	cwer to all write magnifice hy
any means! It is not a to Some of the info that is Other info that has been technical sense, regular	decrypt the keys in the data stream etc. ect. Folks, this is not an and the colution to hacking the Echo system! It is a work in progress, an included in the following documents is and has been available on the provided to us through various means has also been included. For any other and the second of the column of the provided to us through various means has also been included. For any other and the column of the col	swer to all your questions by d should be treated as such. le WEB for many months now. The most part, the Info is of a broth flow systems. Further
any means! It is not a to Some of the info that is Other info that has been technical sense, regular	decrypt the keys in the data stream etc. ect. Folks, this is not an ani tal solution to hacking the Echo system! It is a work in progress, an included in the following documents is and has been available on if	swer to all your questions by d should be treated as such. le WEB for many months now. The most part, the Info is of a broth flow systems. Further
any means! It is not a to Some of the info that is of the info that has been technical sense, requilit some of the data had to Why are we doing this? Well, as is usually the cretease of this information there that can make except	decrypt the keys in the data stream etc. Scil. Folks, this is not an animal solution to hacking the Echo system! It is a work in progress, an included in the following documents is and has been available on the provided to us through various means has also been included. For any at least a minimum understanding of code, disassembly and EEphare re-constructed from known values and will be updated once a beginning to the second state of the property of the second state of what we are providing. This it is the believed to a personal state is believed to a personal state is believed to a personal state is believed to a personal state in the second state of the second state is believed to be presented.	swer to all your questions by d should be treated as such. se WEB for many months now. The most part, the trife is of a confiction systems. Further, etter understanding is reached.
any means! It is not a to Some of the info that is Other info that has been technical sense, requiring some of the data had to Why are we doing this? Well, as is usually the caretase of this information there that can make excitnelly shot, we'll either on information this group an resources. It is the hoos	decrypt the keys in the data stream etc. Scil. Folks, this is not an animal solution to backing the Echo system! It is a work in progress, an included in the following documents is and has been available on it is provided to us through various means has also been included. For any at least a minimum understanding of code, disassembly and EEp be re-constructed from known values and will be updated once a beginning to the provided of the provided once a beginning to the provided once and the provided once a beginning to the provided once and the provided once a beginning to the provided once a beginning to the provided once a beginning to the provided once and the provided on	swer to all your questions by dishould be treated as such. He WEB for many months now. If the most part, the trifo is of a monthfrom systems. Further, etter understanding is reached. It is not been say this! If the any capable individuals out urate, but if we find anything stem works. The individuals ill group, with limited time and
anymeans! It is not a to Some of the info that is other info that has been technical sense, requiring some of the data had to white the data had to well, as is usually the carelease of this informatic there that can make exceptions of the grant of the gratip are resources. It is the hope solution. Any valid inform work in progress More	decrypt the keys in the data stream etc. Scil. Folks, this is not an animal solution to backing the Echo system! It is a work in progress, an included in the following documents is and has been available on it is provided to us through various means has also been included. For any at least a minimum understanding of code, disassembly and EEp be re-constructed from known values and will be updated once a beginning to the provided of the provided once a beginning to the provided once and the provided once a beginning to the provided once and the provided once a beginning to the provided once a beginning to the provided once a beginning to the provided once and the provided on	swer to all your questions by dishould be treated as such. He WEB for many months now. If the most part, the trifo is of a monthfrom systems. Further, etter understanding is reached. It is not been say this! If the any capable individuals out urate, but if we find anything stem works. The individuals ill group, with limited time and
any means! It is not a to Some of the info that is Other info that has been technical sense, requiring some of the data had to Why are we doing this? Well, as is usually the caretase of this information there that can make excited any other that can make excited any other than the group and resources. It is the hope solution. Any valid inform work in progress More	decrypt the keys in the data stream etc. 601. Folks, this is not an animal solution to hacking the Echo system! It is a work in progress, an included in the following documents is and has been available on it is provided to us through various means has also been included. For any expensive the provided to us through various means has also been included. For any expensive the provided to us through various means has also been included. For any expensive the expensive the provided to us through various and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and has been available in the business. But, they are only a small provided from known values and will be updated once a been re-constructed from known values and will be updated from known values and will be updated from known values and w	swer to all your questions by dishould be treated as such. He WEB for many months now. If the most part, the tinfo is of a porn/Rom systems. Further, etter understanding is reached. It is a such a say this! If the any capable individuals out urrate, but if we find anything stem works. The individuals if group, with limited time and the effort of getting a final fit all! As I sald before! This is
any means! It is not a to Some of the info that is of the info that has been technical sense, requilit some of the data had to Why are we doing this? Well, as is usually the cretease of this informatic there that can make exceptationally well-either coninvolved in this group are resources. It is the thops solution. Any valid inform work in progress More Here It is!	decrypt the keys in the data stream etc. 601. Folks, this is not an animal solution to hacking the Echo system! It is a work in progress, an included in the following documents is and has been available on it is provided to us through various means has also been included. For any expensive the provided to us through various means has also been included. For any expensive the provided to us through various means has also been included. For any expensive the expensive the provided to us through various and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and will be updated once a been re-constructed from known values and has been available in the business. But, they are only a small provided from known values and will be updated once a been re-constructed from known values and will be updated from known values and will be updated from known values and w	swer to all your questions by dishould be treated as such. He WEB for many months now. If the most part, the trife is of a something systems. Further, efter understanding is reached. Identically the say this! If the any capable individuals out urrate, but if we find anything stem works. The individuals if group, with limited time and the effort of getting a final fit allf As I said before! This is CASE NO.
any means! It is not a to Some of the info that is Other info that has been technical sense, requiring some of the data had to Why are we doing this? Well, as is usually the creisase of this informatic there that can make excited since the solution. Any wall dinform work in progress More Here it is! Estar Hacking FAQ v. 10 An excellent FAQ by SturesRom2.zip	decrypt the keys in the data stream etc. 601. Folks, this is not an ential solution to hacking the Echo system! It is a work in progress, an included in the following documents is and has been available on it is provided to us through various means has also been included. For any at least a minimum understanding of code, disassembly and EEp be re-constructed from known values and will be updated once a beginning to the end of the provided once a beginning to the end of	swer to all your questions by dishould be treated as such. He WEB for many months now. If the most part, the trifo is of a prom/Rom systems. Firsther, efter understanding is reached. Idon. Let me say this! If the any capable individuals out urate, but if we find enything stem works. The individuals ill group, with limited time and he effort of getting a final fit allf As I said before! This is CASE NO. SA CV 03-950 DOC (JT
any means! It is not a to Some of the info that is Other info that has been technical sense, requiring some of the data had to Why are we doing this? Well, as is usually the creisase of this informatic there that can make excited since the solution. Any wall dinform work in progress More Here it is! Estar Hacking FAQ v. 10 An excellent FAQ by SturesRom2.zip	decrypt the keys in the data stream etc. 601. Folks, this is not an ential solution to hacking the Echo system! It is a work in progress, an included in the following documents is and has been available on it is provided to us through various means has also been included. For any extensive the provided to us through various means has also been included. For any extensive the extensive the provided to us through various means has also been included. For any extensive the extensive three extensive the e	swer to all your questions by dishould be treated as such. He WEB for many months now. If the most part, the trifo is of a sport/Room systems. Further, etter understanding is reached. Idon. Let me say this! If the any capable individuals out urate, but if we find enything stem works. The individuals ill group, with limited time and he effort of getting a final fit all! As I said before! This is CASE NO. SA CV 03-950 DOC (JT ECHOSTAR SATELLITE COR
any means! It is not a to Some of the info that is Other info that has been technical sense, requiring some of the data had to Why are we doing this? Well, as is usually the creisase of this informatic there that can make excited since the solution. Any wall dinform work in progress More Here it is! Estar Hacking FAQ v. 10 An excellent FAQ by SturesRom2.zip	decrypt the keys in the data stream etc. 601. Folks, this is not an ential solution to hacking the Echo system! It is a work in progress, an included in the following documents is and has been available on it is provided to us through various means has also been included. For any extensive the provided to us through various means has also been included. For any extensive the extensive the provided to us through various means has also been included. For any extensive the extensive three extensive the e	swer to all your questions by dishould be treated as such. He WEB for many months now. If the insist part, the info is of a simmifrom systems. Further, effer understanding is reached. Idon. Let me say this! If the any capable individuals out urate, but if we find anything stem works. The individuals fill group, with limited time and he effort of getting a final fit allf As I said before! This is CASE NO. SA CV 03-950 DOC (JT ECHOSTAR SATELLITE COR
any means! It is not a to Some of the info that is Other info that has been technical sense, requiring some of the data had to Why are we doing this? Well, as is usually the carelease of this informatic there that can make excited an involved in this group an resources. It is the hope solution. Any valid inform work in progress More Here it is! Estar Hacking FAQ v. 10 An excellent FAQ by Stutes Roma. The progress of the second of	decrypt the keys in the data stream etc. 601. Folks, this is not an animal solution to hacking the Echo system! It is a work in progress, an included in the following documents is and has been available on it is provided to us through various means has also been included. For any provided to us through various means has also been included. For any at least a minimum understanding of code, disassembly and EEp the re-constructed from known values and will be updated once a beginning to the constructed from known values and will be updated once a beginning to the providing of the updated once a beginning to the providing of the south the training the providing. This data is believed to be accurated or remove it. It's not a collection of rumors about how the system of the best people in the business. But, they are only a small of this group that by providing work to data, others can input into the action that may come from others because of this release will benefit to follow. Enjoy!!! 131-99 ar ROM dump and commented disassembly. NOTE: Work in progress.	swer to all your questions by dishould be treated as such. He WEB for many months now. If the most part, the trifo is of a print/Rom systems. Further, etter understanding is reached. Idean, Let me say this! If the any capable individuals out urate, but if we find anything stem works. The individuals if group, with limited time and he effort of getting a final if all As I said before This is CASE NO. SA CV 03-950 DOC (JT ECHOSTAR SATELLITE COR Vs. NDS GROUP PLC, et all DEFENDANT'S EXHIBIT
any means! It is not a to Some of the info that is Other info that has been technical sense, requiring some of the data had to Why are we doing this? Well, as is usually the carelease of this informatic there that can make excitations are sources. It is the properties of the solution. Any valid inform work in progress More Here It is! Estar Hacking FAQ v. 10 An excellent FAQ by Stutes Roma. The solution would be solution to the solution of	decrypt the keys in the data stream etc. 601. Folks, this is not an animal solution to hacking the Echo system! It is a work in progress, an included in the following documents is and has been available on it is provided to us through various means has also been included. For any provided to us through various means has also been included. For any at least a minimum understanding of code, disassembly and EEp the re-constructed from known values and will be updated once a beginning to the constructed from known values and will be updated once a beginning to the providing of the updated once a beginning to the providing of the south the training the providing. This data is believed to be accurated or remove it. It's not a collection of rumors about how the system of the best people in the business. But, they are only a small of this group that by providing work to data, others can input into the action that may come from others because of this release will benefit to follow. Enjoy!!! 131-99 ar ROM dump and commented disassembly. NOTE: Work in progress.	swer to all your questions by dishould be treated as such. He WEB for many months now. If the most part, the trifo is of a print/Rom systems. Further, etter understanding is reached. Idean, Let me say this! If the any capable individuals out urate, but if we find anything stem works. The individuals if group, with limited time and he effort of getting a final if all As I said before This is CASE NO. SA CV 03-950 DOC (JT ECHOSTAR SATELLITE COR Vs. NDS GROUP PLC, et all DEFENDANT'S EXHIBIT

Deputy Clerk

Gaillard, Christophe

From:

Suzanna Gugganhelm [agugganhelm@cis-tech.com]

Sent:

To:

Suzanne Guggerneim (ayuuga meningga Kanali); Christophe Nicolas (E-mail); Heuri Sunday, June 25, 2000 1:47 PM Alan GUGGENHEIM, Christophe Galliard (E-mail); Christophe Nicolas (E-mail); Heuri Kudelski (E-mail), Jean-Daniel Maynet, Marce Sasselli (E-mail); Oliver Brique (E-mail); Suzanne Guggerheim (E-mail) DIGH Nework E*Rom Info * nEWS

Subject:







cartoonstuntou 17-57085-esro esrom2.zip.asc

m2.zip.asc y[1].jpg.asc

*** PGP Signature Status: good

*** Signer: Suzanne Guggenhelm <euggenhelm@cis-tech.com>
*** Signed: 6/25/2000 1:42:28 PM

*** Verified: 6/26/2000 8:03:29 AM

*** BEGIN POP DECRYPTED/VERIFIED MESSAGE ***

DISH Network E*Rom Info

Welcome To E'Rom Centrali

In an effort to provide clear concise information about how the Echo system works, we offer the following. This work was begun some time ago, by a like minded group of individuals interested in understanding exactly why the Dishnetwork system was so difficult to hack!

included in the following is an attempt to clear up many misconceptions about the E-Cam, how it works, and why it's become the holy grail Visit any of the IRC channels, other WEB sites or listen to any discuscussion about the Echostar system, and the one thing that you will hear most often is "KEYSI". Many ask, why is it so hard to hack Dish, why don't we have keys, how do you decrypt the keys in the data stream etc. 6ct. Folks, this is not an answer to all your questions by any means! It is not a total solution to hacking the Echo system! It is a work in progress, and should be freated as such. Some of the into that is included in the following documents is and has been available on the WEB for many months now. Other info that has been provided to us through various means has also been included. For the most part, the info is of a technical sense, requiting at least a minimum understanding of code, disassembly and EEprom/Rom systems. Further, some of the data had to be re-constructed from known values and will be updated ence a better understanding is reached.

Why are we doing this?

Well, as is usually the case, some people have doubts about any publicly released information. Let me say this! If the release of this information helps others in developing a hack, then it's worth it! There are many capable individuals out there that can make excellent use of what we are providing. This data is believed to be accurate, but if we find anything there that can make excellent use of what we are providing. This data is believed to be accurate, but if we find anything there not, we'll either correct it or remove it. It's not a collection of rumors about how the system works. The individuals involved in this group are some of the best people in the business. But, they are only a small group, with limited time and resources. It is the hope of this group that by providing work to date, others can input into the effort of getting a final solution. Any valid information that may come from others because of this release will benefit all! As I said before! This is work in progress... More to follow. Enjoy!!!

Here it is!

Estar Hacking FAQ v. 10-31-99

An excellent FAQ by StuntGuy. Clear description of known commands to date. NOTE: Work in progress.

Publicly available Echostar ROM dump and commented disassembly, NOTE: Work in progress.

EXHIBITS 26 C

CONFIDENTIAL

Case No. SA CV03-950 DOC (JTL)

ESC0061720

You want to help?

Discussion, contributions and comments are welcome! Feel free to put your opinions on our forum, free of charge of course!!!

June 14th 2000

New look, lots more, and trouble in hacking land

For the people who have visited DISHPLEX in the past, you have already noticed the many changes we brought to the site. Among them, we have added a movie script section (from the TV section) with more than 450 scripts and screenplays; close to 400 cheals/hints for Playstation, created a full section on DVDs, from understanding to creating them; a complete section devoted to antimate installations, a new section on cable TV, and much more, as you can see from the choices in the drop-down menus at the top of each page.

Still to come, since we are working on it daily, is the Playstation mode section, the Dreamcast mode section, an Animated GIF section with over 8000 images you can browse online, all categorized, hooking back-up the B.U.D. and cryptography section. Also, we will continue to fix the many broken links that still exist.

We apologize for this, but since this is not our regular job, it takes time, especially since the site is approximately 8 times what is used to be in HTML pages.

On Another point, darth still disgusts me. For those who do not know the weenle, he runs dr7.com. Never to be underestimated for self-promotion, he had an accident 10 days ago, and described in intricate details his injuries, his toils, pains, blat, blat, blat, blat, blat, blat spect test results of his recovery to be posted soon. Lastly, maybe it was JDantels that took revenge after the spineless swine backstabbed the guy that has been a long-time friend and business partner of sorts, by bashing him on his site sermons.

DSS crackdown out of their jurisdiction

As for the problems in hackland, DTV has started to intimidate canadian-run dss websiles, meaning, they have found ways to threaten cutside their jurisdiction. How? Well, lawsuits can be thrown around and bleed people to death financially, and this is how they are operating. Aiready denth and apparently Pirate's Den sites are reported to have temporarily shut down their dss files section.

In the short-term future...

Ok, so, what of the current hacks for DSS and echo? Simple, there are no good ones out there. Pretty much everything there is working is besically a band-aid solution for DSS. As for Echo, there is nothing really worthwhile.

Any hope for the future? Actually yes. A DSS blocker is in the works, and atmost ready to be released (yeah, if'll cost ya some \$ since they are business people). Basically, it will stop people to have to reload their cards so often. Apparently the price will be reasonable. Sounds like those guys learned a lesson from prior dealers.

Hope for echo people? Again, yes. When? Dunno. but in the background are some nifty hackers with lots of vacation time, and they have made great advances tately.

Conclusion

enjoy your summer, get off the IRC channels, and meet real humans for a change. There is NOTHING for a while, except falses hopes and scams

Suzanne Guggenheim

NagraVision

8834 Azul Circle, West Hills, CA 91304

sguggenheim@cis-tech.com < mailto:sguggenheim@cis-tech.com <mailto:sguggenheim@cis-tech.com> >

Phone: (818) 932-9200 Fax: (561) 892-0846 Mobile: (818) 324-3913

*** END PGP DECRYPTED/VERIFIED MESSAGE ***

000109