

## David Guidotti

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**From:** Jim Schriver [Jim.Schriver@BlackBox.com]  
**Sent:** Friday, December 03, 2010 12:25 PM  
**To:** 'Serdar Ergene'; David Guidotti  
**Subject:** RE: Aerohive/Black Box Co-listing for AP120, AP340  
**Serdar -**  
 Here is the revised 340 letter w/correct date

we emailed the fcc to change the contact to eric; does a letter from him help, or do we need to wait until the change takes effect?

jim

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**From:** Serdar Ergene [mailto:serdar@aerohive.com]  
**Sent:** Friday, December 03, 2010 2:33 PM  
**To:** Serdar Ergene; David Guidotti; Jim Schriver  
**Cc:** SVDOC; SVP  
**Subject:** RE: Aerohive/Black Box Co-listing for AP120, AP340

Hi Jim,

You have two open AI's to get the co-listing going.

- 1: update the "change in ID request letter" to change grant date to 9/13/2008.
2. Provide a letter from Eric authorizing you to sign on his behalf (or you can modify the letters to have Eric sign them). and change PoC to be Eric as follows:

Address and/or Point of Contact (PoC) corrections must be submitted online; results are immediate (change of applicant name requires staff review). Click Modify Grantee Information under Filing Options at <https://gullfoss2.fcc.gov/prod/oet/cf/eas/index.cfm> The system requires both the Grantee Code and the associated Grantee Code Registration Number (GC#). To learn of a GC# for a specific Grantee Code, direct an e-mail request to [easadmin@fcc.gov](mailto:easadmin@fcc.gov). Include the Applicant Name; Grantee Code; Old and New Name of PoC; Old and New E-mail Address of PoC.

Are you working on these?

Serdar

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**From:** Serdar Ergene  
**Sent:** Wednesday, December 01, 2010 3:32 PM  
**To:** 'David Guidotti'; Jim Schriver  
**Cc:** SVDOC; SVP  
**Subject:** RE: Aerohive/Black Box Co-listing for AP120, AP340

Jim,

Can you please change the date of grant on this letter to 9/13/2008.

Regards,

Serdar

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**From:** David Guidotti [mailto:david.guidotti@ntscorp.com]  
**Sent:** Wednesday, December 01, 2010 3:29 PM  
**To:** Serdar Ergene; Jim Schriver  
**Cc:** SVDOC; SVP  
**Subject:** RE: Aerohive/Black Box Co-listing for AP120, AP340

Serdar,

The letter I was referring to is the one attached here.

Regards,

**David Guidotti**  
**Senior Technical Writer**  
**Elliott Laboratories - An NTS Company**  
**david.guidotti@ntscorp.com**  
**Home Office: 503-990-6949**

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**From:** Serdar Ergene [mailto:[serdar@aerohive.com](mailto:serdar@aerohive.com)]  
**Sent:** Wednesday, December 01, 2010 3:23 PM  
**To:** David Guidotti; Jim Schriver  
**Cc:** SVDOC; SVP  
**Subject:** RE: Aerohive/Black Box Co-listing for AP120, AP340

David,  
There is no date on the authorization letter I generated for the HIVEAP340. Attached.

Please clarify.

Serdar

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**From:** David Guidotti [mailto:[david.guidotti@ntscorp.com](mailto:david.guidotti@ntscorp.com)]  
**Sent:** Wednesday, December 01, 2010 2:38 PM  
**To:** Serdar Ergene; Jim Schriver  
**Cc:** SVDOC; SVP  
**Subject:** RE: Aerohive/Black Box Co-listing for AP120, AP340

Serdar,

One other thing I noticed. The letter requesting change in id from WBV-HIVEAP340 to EHX-LWN602HA states the original grant date is 06/04/2009. The FCC Website says it was granted on 9/12 and 9/13 2008. I do not see anything for June 2009. Please advise.

Regards,

**David Guidotti**  
**Senior Technical Writer**  
**Elliott Laboratories - An NTS Company**  
**david.guidotti@ntscorp.com**  
**Home Office: 503-990-6949**

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**From:** Serdar Ergene [mailto:[serdar@aerohive.com](mailto:serdar@aerohive.com)]  
**Sent:** Wednesday, December 01, 2010 2:17 PM  
**To:** David Guidotti; Jim Schriver  
**Cc:** SVDOC; SVP  
**Subject:** RE: Aerohive/Black Box Co-listing for AP120, AP340

Jim,  
Can you respond?

Serdar

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**From:** David Guidotti [mailto:[david.guidotti@ntscorp.com](mailto:david.guidotti@ntscorp.com)]  
**Sent:** Wednesday, December 01, 2010 2:15 PM  
**To:** Serdar Ergene; Jim Schriver  
**Cc:** SVDOC; SVP  
**Subject:** RE: Aerohive/Black Box Co-listing for AP120, AP340

Serdar,

I found something I missed before when I was going through the documents you've sent. The contact on record for Black Box with the FCC is Randall Morse. In order for Jim to sign the application documents we will need a letter signed by Randall Morse authorizing Jim to sign on his behalf.

Regards,

**David Guidotti**  
**Senior Technical Writer**  
**Elliott Laboratories - An NTS Company**  
**david.guidotti@ntscorp.com**  
**Home Office: 503-990-6949**

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**From:** Serdar Ergene [mailto:[serdar@aerohive.com](mailto:serdar@aerohive.com)]  
**Sent:** Wednesday, December 01, 2010 12:24 PM  
**To:** Jim Schriver; David Guidotti  
**Cc:** SVDOC; SVP  
**Subject:** RE: Aerohive/Black Box Co-listing for AP120, AP340

Hi David,

I am forwarding the pictures by Jim sent earlier today to keep it all in one email.  
Attached are the FCC labels for the Black Box products LWN602A and LWN602HA.

This should now complete this action:

The external photographs should be of the Black Box product. The label and label location drawing or photographs should be of the new FCC ID and its location on the Black Box product

At this point, you have all the documents you have requested. Please confirm and let us know the lead time to complete the co-listing.

Regards,

Serdar

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**From:** Jim Schriver [mailto:[Jim.Schriver@BlackBox.com](mailto:Jim.Schriver@BlackBox.com)]  
**Sent:** Wednesday, December 01, 2010 5:58 AM  
**To:** Serdar Ergene; David Guidotti  
**Cc:** Keith Ross; Kevin Gee  
**Subject:** RE: Aerohive/Black Box Co-listing for AP120, AP340

Serdar -

here are the product photos you requested for the co-listings... if you have any questions, please let me know -

thanks,  
jim

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**From:** Serdar Ergene [mailto:[serdar@aerohive.com](mailto:serdar@aerohive.com)]  
**Sent:** Monday, November 29, 2010 7:24 PM  
**To:** Serdar Ergene; David Guidotti  
**Cc:** SVDOC; SVP; Jim Schriver  
**Subject:** RE: Aerohive/Black Box Co-listing for AP120, AP340

Hi David,

Attached is the Wistron Authorization Letter – FCC ID change for AP120.

At this point, the only thing we need to complete all the documentation is the pictures of the product and the FCC label:

The external photographs should be of the Black Box product. The label and label location drawing or photographs should be of the new FCC ID and its location on the Black Box product

That should be coming soon.

Regards

Serdar

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**From:** Serdar Ergene  
**Sent:** Friday, November 19, 2010 4:46 PM  
**To:** Serdar Ergene; David Guidotti

**Cc:** SVDOC; SVP; Jim Schriver  
**Subject:** RE: Aerohive/Black Box Co-listing for AP120, AP340

David,  
Attached is the Aerohive Authorization Letter – FCC ID Change for AP340.

I will work on getting it for AP120 from Wistron.

Serdar

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**From:** Serdar Ergene  
**Sent:** Friday, November 19, 2010 4:23 PM  
**To:** 'David Guidotti'  
**Cc:** SVDOC; SVP; 'Jim Schriver'  
**Subject:** Aerohive/Black Box Co-listing for AP120, AP340

Hi David,  
Attached are a set of documents from Black Box for the application. Please evaluate and let Jim Schriver from Black Box know if any changes are needed (I'm copying him).

I think this is where we are right now. Can you please check and let us know what is needed:

#### HiveAP120 Product

Original FCC ID: NKR-DNMA-92  
Company Original FCC ID Issued to: Wistron  
Co-listing new FCC ID to be issued for Company: Black Box  
Black Box to fill in Application Letter – Identification Change → **DONE**  
Wistron to fill in Authorization Letter – FCC ID Change → **THIS IS NEEDED, Serdar will request from Wistron.**  
Black Box to fill in Agent Authorization letter. → **DONE**  
Black Box fills in the Elliott TCB Agreement document? → **DONE**  
Black Box Fills in the 1<sup>st</sup> two pages of the Elliott TCB Application document? → **DONE**  
Black Box generate external photos, FCC label and Location drawing or photographs → **THIS IS NEEDED, Jim – Black Box – needs to generate.**  
The external photographs should be of the Black Box product. The label and label location drawing or photographs should be of the new FCC ID and it's location on the Black Box product

#### HiveAP340 Product

Original FCC ID: WBV-HIVEAP340  
Company Original FCC ID Issued to: Aerohive  
Co-listing new FCC ID to be issued for Company: Black Box  
Black Box to fill in Application Letter – Identification Change → **DONE**  
Aerohive to fill in Authorization Letter – FCC ID Change → **THIS IS NEEDED, Serdar will generate document.**  
Black Box to fill in Agent Authorization letter. → **DONE**  
Black Box fills in the Elliott TCB Agreement document? → **DONE**  
Black Box Fills in the 1<sup>st</sup> two pages of the Elliott TCB Application document? → **Elliott confirm if the information from Black Box is sufficient to close this out? The signed document from Black Box just needs to be printed twice and the info on page 2 filled out by Elliott based on the application from Black Box.**  
Black Box generate external photos, FCC label and Location drawing or photographs for new product: → **THIS IS NEEDED, Jim – Black Box – needs to generate.**  
The external photographs should be of the Black Box product. The label and label location drawing or photographs should be of the new FCC ID and it's location on the Black Box product

Regards,

Serdar

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**From:** David Guidotti [mailto:david.guidotti@ntscorp.com]  
**Sent:** Friday, November 19, 2010 9:16 AM  
**To:** David Guidotti; Serdar Ergene

**Cc:** SVDOC; SVPM  
**Subject:** RE: 11/8/2010 Report Status Update Aerohive Networks HiveAP 120

Serdar,

How are you doing with gathering the documents we need to submit the change in ID applications? Please let me know if you need any help.

Regards,

David Guidotti  
Senior Technical Writer  
Elliott Laboratories - An NTS Company  
[david.guidotti@ntscorp.com](mailto:david.guidotti@ntscorp.com)  
Home Office: 503-990-6949

**From:** David Guidotti  
**Sent:** Wednesday, November 10, 2010 7:16 PM  
**To:** Serdar Ergene  
**Cc:** SVDOC; SVMPM  
**Subject:** RE: 11/8/2010 Report Status Update Aerohive Networks HiveAP 120

Serdar,

Yes Black Box will need to create the FCC ID# as part of the application. The FCC ID is made up of the Grantee Code (3 characters) and the Product Identifier (maximum of 14 characters). The grantee code is assigned by the FCC and the product identifier is assigned by Black Box.

I have looked up Black Box on the FCC Website and found the following entries:

EHX Black Box Corporation PO Box 12800 N/A Pittsburgh Pennsylvania United States 15241 Randall Morse 04/14/1998  
IBF Black Box Industrial Radio Repair Service Rt. 4, Box 536 N/A Rolla Missouri United States 65401 N/A 04/14/1998  
If neither of these is your client, they will have to go to the FCC Website and request their own Grantee Code. They can do that at the following link:  
<https://fccid.fcc.gov/oetcf/eas/>

First they will have to have an FCC Registration Number, also known as FRN. To obtain this they should click on the above link. On the left side of the page, down towards the bottom under Miscellaneous, click on GET FRN. That will open a new browser window. Click on Register button and fill out the info.

From there they can go back to the original window and at the top on the left hand side under Filing Options is a button, "Grantee Registration". They'll need to pay the grantee code fee within 3 days or they will lose the grantee code.

Best Regards

**David Guidotti**  
Senior Technical Writer  
**Elliott Laboratories - An NTS Company**  
[david.guidotti@ntscorp.com](mailto:david.guidotti@ntscorp.com)  
Home Office: 503-990-6949

**From:** Serdar Ergene [mailto:[serdar@aerohive.com](mailto:serdar@aerohive.com)]  
**Sent:** Wednesday, November 10, 2010 6:44 PM  
**To:** David Guidotti  
**Subject:** RE: 11/8/2010 Report Status Update Aerohive Networks HiveAP 120

Ok, that makes sense. I'll try to get the information and get back to you.

One other question. It seems like Black Box needs to create the FCC ID as part of the application, is that correct? That assumes they already have a Grantee Code. Can they just assign any product code they want?

Serdar

**From:** David Guidotti [mailto:[david.guidotti@ntscorp.com](mailto:david.guidotti@ntscorp.com)]  
**Sent:** Wednesday, November 10, 2010 6:19 PM  
**To:** Serdar Ergene; Dean Eriksen; Deepa Shetty  
**Cc:** SVDOC; SVPM

**Subject:** RE: 11/8/2010 Report Status Update Aerohive Networks HiveAP 120

Serdar,

See my inserted text below yours. I hope this helps.

Regards,

**David Guidotti**  
**Senior Technical Writer**  
**Elliott Laboratories - An NTS Company**  
**david.guidotti@ntscorp.com**  
**Home Office: 503-990-6949**

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**From:** Serdar Ergene [mailto:[serdar@aerohive.com](mailto:serdar@aerohive.com)]  
**Sent:** Wednesday, November 10, 2010 5:55 PM  
**To:** David Guidotti; Dean Eriksen; Deepa Shetty  
**Cc:** SVDOC; SVPM  
**Subject:** RE: 11/8/2010 Report Status Update Aerohive Networks HiveAP 120

Hi David,  
I need some help in order to understand what is needed.

Serdar

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**From:** David Guidotti [mailto:[david.guidotti@ntscorp.com](mailto:david.guidotti@ntscorp.com)]  
**Sent:** Wednesday, November 10, 2010 5:10 PM  
**To:** Serdar Ergene; Dean Eriksen; Deepa Shetty  
**Cc:** SVDOC; SVPM  
**Subject:** RE: 11/8/2010 Report Status Update Aerohive Networks HiveAP 120

Serdar,

I will need the following for each of the FCC Change in ID applications

Application letter from the applicant (see attached example of application letter)  
Authorization letter from the original FCC ID holder (see attached example of authorization letter)  
External photos  
FCC label and Location drawing or photographs  
Elliott TCB Application form

In addition to the above items, I will need you to review the attached Elliott TCB agreement. If you agree to the Terms & Conditions, please sign and return the last page. We will also need an Agent Authorization letter authorizing Elliott Laboratories to act as your agent. I have attached a sample of that as well. Please note all forms and letters should be signed by the person on file with the FCC as the contact person.

If you have any questions, please contact us.

**David Guidotti**  
**Senior Technical Writer**  
**Elliott Laboratories - An NTS Company**  
**david.guidotti@ntscorp.com**  
**Home Office: 503-990-6949**

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**From:** Serdar Ergene [mailto:[serdar@aerohive.com](mailto:serdar@aerohive.com)]  
**Sent:** Wednesday, November 10, 2010 3:43 PM  
**To:** Dean Eriksen; Deepa Shetty  
**Cc:** SVDOC; SVPM  
**Subject:** RE: 11/8/2010 Report Status Update Aerohive Networks HiveAP 120

Let's roll without DFS.

Serdar

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**From:** Dean Eriksen [mailto:[dean.eriksen@ntscorp.com](mailto:dean.eriksen@ntscorp.com)]

**Sent:** Wednesday, November 10, 2010 3:40 PM  
**To:** Serdar Ergene; Deepa Shetty  
**Cc:** SVDOC; SVP  
**Subject:** RE: 11/8/2010 Report Status Update Aerohive Networks HiveAP 120

OK, great!

AP120 is no problem, it can go through the TCB.....our doc group will be in touch with the checklist of items (paperwork needed) to process ASAP.

AP340 – assume for right now a change in ID on the cert that does not cover the DFS bands? Or should we wait until DFS bands are approved and tackle that once DFS bands are in place with FCC? If the IF is changed over and the DFS bands added later the new ID will need to be updated accordingly.....

Please advise. In the meantime we are running interference with the FCC on DFS devices and Changes in ID etc..

Respectfully,

Dean Eriksen  
 Manager, Sales and Project Management  
 Senior Applications Engineer  
 Elliott Laboratories - an NTS company  
 (510) 578.3513 (direct)  
 (510) 578.3500 (main)

**From:** Serdar Ergene [mailto:[serdar@aerohive.com](mailto:serdar@aerohive.com)]  
**Sent:** Wednesday, November 10, 2010 2:57 PM  
**To:** Dean Eriksen; Deepa Shetty  
**Cc:** SVDOC; SVP  
**Subject:** RE: 11/8/2010 Report Status Update Aerohive Networks HiveAP 120

Dean,

Our AP120 is not certified for DFS and DSF is not enabled.

Similarly, the AP340 is not currently certified for DFS and DFS is not enabled. We are in the middle of doing DFS certification for the AP340 but not done. It is very close though.

AP120 FCC ID: NKR-DNMA-92 (this was a modular approval)

AP340 FCC ID: WBV-HIVEAP340

Serdar

**From:** Dean Eriksen [mailto:[dean.eriksen@ntscorp.com](mailto:dean.eriksen@ntscorp.com)]  
**Sent:** Wednesday, November 10, 2010 1:41 PM  
**To:** Serdar Ergene; Deepa Shetty  
**Cc:** SVDOC; SVP  
**Subject:** RE: 11/8/2010 Report Status Update Aerohive Networks HiveAP 120

Hi Serdar:

I called and left you a message last night. The FCC still has DFS band devices on their exclusion list. I was under the assumption this was removed from FCC for Change in ID efforts from the past FCC/TCB meeting a few weeks back when they opened up approvals for the DFS bands for master devices. We have an inquiry into the FCC to inquire if indeed this can be processed through the TCB. If not, a new application leveraging original test reports and original approval will be required by the FCC for an FCC Change in ID for master devices with DFS enabled. It typically takes 3-4 days for FCC to respond back with direction etc.. I will keep you posted as this is on top of my list to flush out with the FCC.

My apologies for the delay. There is a lot of change with regards to DFS band devices as of late.

As we prepare one route or another can you please provide the FCC ID's for both devices? Thank you.

Respectfully,

Dean Eriksen  
Manager, Sales and Project Management  
Senior Applications Engineer  
Elliott Laboratories - an NTS company  
(510) 578.3513 (direct)  
(510) 578.3500 (main)

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**From:** Serdar Ergene [mailto:[serdar@aerohive.com](mailto:serdar@aerohive.com)]  
**Sent:** Wednesday, November 10, 2010 1:30 PM  
**To:** Deepa Shetty  
**Cc:** SVDOC; SVPM; Dean Eriksen  
**Subject:** RE: 11/8/2010 Report Status Update Aerohive Networks HiveAP 120

Hi Deepa,  
I have not received any further communication on this. Is it proceeding?

What information do you need for the documentation from Aerohive and our OEM customer (our OEM customer is Black Box, FYI).

Serdar

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**From:** Deepa Shetty [mailto:[deepa.shetty@ntscorp.com](mailto:deepa.shetty@ntscorp.com)]  
**Sent:** Monday, November 08, 2010 10:22 AM  
**To:** Serdar Ergene  
**Cc:** SVDOC; SVPM; Dean Eriksen  
**Subject:** 11/8/2010 Report Status Update Aerohive Networks HiveAP 120

Hello Serdar:

This email is to inform you that we have initiated the FCC Change in ID process within Elliott for your HiveAP 120 project. You should expect a separate email from our Documentation Team with details regarding any information or action needed from you for the completion of this project.

If you have any questions regarding the process or status, please don't hesitate to contact me.

Thank you for allowing us to be part of your team!

Best regards,

Deepa Shetty

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