

Carl Huie

From: Samuelson, Ken [ken.samuelson@sensis.com]
Sent: Tuesday, December 02, 2003 9:40 AM
To: Carl Huie
Subject: FW: Sensis FCC License

66ML #3 *Attachment*

Carl,
I have emailed Tim but have not gotten any response. Are these the numbers you need or do you need something different or additional? I'm just not sure where we are in the process. Am I waiting for you (FCC or FAA) or are there things you still need from me? I just want to make sure that I have provided all the information and material that is needed to process this license application.

Thank you for all your effort.

Ken Samuelson
Sensis Corp.
mailto: kens@sensis.com
Phone: (315) 445-5031

-----Original Message-----

From: Samuelson, Ken
Sent: Tuesday, November 18, 2003 10:48 AM
To: timothy.j.pawlowitz@faa.gov
Subject: RE: Sensis FCC License

Tim,

Is there anything else I need to do to move the license application forward? I talked to Carl Huie at the FCC and he indicated that he has not gotten any coordination number from you. Do I need to provide him the numbers below or do I need a different number?

The coordination numbers are: NG T030364 - M978.000
NG T030360 - M1090.00
NG T030362 - M1030.00

His email is carl.huie@fcc.gov. If you are forwarding information to him could you please copy me so that I know that things are moving forward?

Thank you for all your assistance.
Ken Samuelson
Sensis Corp.
mailto: kens@sensis.com
Phone: (315) 445-5031

"Samuelson, Ken"

<ken.samuelson@se
Pawlowitz/AWA/FAA@FAA, Kenneth CTR
nsis.com>

To: Timothy J
Bosket/AEA/CNTR/FAA@FAA

cc:

Elevation 10/28/2003 04:33
PM

Subject: RE: Sensis Antenna

Guys,

Sorry to be ignorant but I'm not sure what AMSL is, exactly. I am assuming something like above mean sea Level. If this is somewhat correct my next problem is that I don't know how to get this value. When I measured the antenna location with the GPS receiver it indicated 443 ft, once again I am assuming above Sea level. The building height and antenna extension above building is less than 75ft inclusive.

Are these the measurements you need? If not, can you provide me some guidance as to how to get the exact measurements you need. Thank you.

Ken Samuelson
Sensis Corp.
mailto: kens@sensis.com
Phone: (315) 445-5031

-----Original Message-----

From: timothy.j.pawlowitz@faa.gov [mailto:timothy.j.pawlowitz@faa.gov]
Sent: Tuesday, October 28, 2003 3:51 PM
To: Kenneth.CTR.Bosket@faa.gov
Cc: Charles.Cassella@faa.gov; Donald.Bristol@faa.gov; John.CTR.Mormino@faa.gov; Samuelson, Ken; victor.hinton@faa.gov; thomas.ctr.christein@faa.gov
Subject: RE: Sensis License Description Paragraph

Ken,

I coordinated on NG T030360 and NG T030362. NG T030360 needs the elevation AMSL entered for the antenna site and the antenna height above ground entered. Otherwise both are OK. I saved them in HC status in the AFM. Victor Hinton or Tom Christein will need to coordinate on NG T030364. Once coordination is obtained, the applicant can forward their application with your coordination numbers to the FCC for processing. Call me if you have any questions.

Take Care,
Tim

Kenneth CTR

Bosket	To: "Samuelson, Ken"
<ken.samuelson@sensis.com>	cc: Donald
Bristol/AEA/FAA@FAA, Charles Cassella/AEA/FAA@FAA, John CTR	Mormino/AEA/CNTR/FAA@FAA,
10/27/2003 02:45	
Timothy J Pawlowitz/AWA/FAA@FAA	Subject: RE: Sensis License
PM	
Description Paragraph(Document link: ?)	

Mr. Samuelson:

Currently, the assignments that you have requested has been sent to Washington for further coordination.

The coordination numbers are: NG T030364 - M978.000
NG T030360 - M1090.00
NG T030362 - M1030.00

Thank you for your cooperation.

Ken Bosket
Federal Aviation Administration
Eastern Region
Spectrum Engineering
718-977-6610

"Samuelson, Ken"

<ken.samuelson@se
Bosket/AEA/CNTR/FAA@FAA
nsis.com>

To: Kenneth CTR

cc:

Subject: RE: Sensis License Description

Paragraph

10/27/2003 02:08

PM

Ken,

I knew it was coming. I got my first management request about how the licensing is coming along. How are we progressing or where are we in the process so that I can report back?

Thanks
Ken

-----Original Message-----

From: Samuelson, Ken
Sent: Tuesday, October 21, 2003 10:54 AM
To: 'kenneth.ctr.bosket@faa.gov'
Subject: Sensis License Description Paragraph

Ken let me know if you think this is enough or if you think I need to provide more.

Sensis currently has a license WA2XYX to transmit from a build which we are occupying. In modifying this license we are requesting that we can also transmit from a different building which is located about a mile down the road and happens to cross over the city boundary into the next city.

Additionally Sensis is requesting that we are able to test additional transmitting equipment called a Ground Based Transceiver (GBT) which is operating at 978 MHz to fulfill a contract for the FAA Capstone program (Capstone - contract# DTFAALL-03-C-3-0066). This program uses an ADS-B transmissions which are dictated by the DO-282 MOPS. Our intention is twofold. One to transmit from a fixed location and test up to 2 remote mobile units within a 2.5 km radius. The other is to provide transmission and reception to an aircraft based ADS-B transceiver (if available through Sensis or FAA provided) for actual air tests.

Along with the Capstone contract the FAA has provided a follow on to the Capstone contract (under the same contract number as above) for a 1090 option which would incorporate a GBT using the current 1090 MHz Mode S configuration. This would involve testing at the 1090MHz frequencies

Another contract which should be listed on the license which refers to the 1030Mhz/ 1090 MHz is the ASDE-X contract (ASDE-X - contract # DTFA01-01-c-00011) for airport multilateration systems.

These contracts are multi-year contracts so we are requesting 3 years for the duration of the license so that all anticipated and unanticipated development testing may take place. Our current license will expire in July 2004.

I am the primary Sensis contact for updating this license and may be contacted for additional information if needed by any authority involved in the licensing process.

Ken Samuelson
Sensis Corp.
mailto:kens@sensis.com
Phone: (315) 445-5031