



Zadelstede 1-10  
3431 JZ Nieuwegein  
The Netherlands  
Phone: +31 30 6097666  
Fax: +31 30 6097556

Federal Communications Commission  
EQUIPMENT APPROVAL SERVICES  
P.O. Box 358315  
Pittsburg PA 15251-5315, USA

Nieuwegein, 21 December 1999.

Re: Extension of grant, IMRWLPCE24H  
Permissive Change Class 2

Dear Sir.Madam,

We hereby apply for extension of the current grant to cover additional antennae according to the attached list:

There are 3 reports covering all these antenna; attached list also indicates which report covers the applicable antenna.

As with the previously approved antennae these new ones will also be professionally installed.

Sincerely yours,

Bert Vos, Certifications Support

Encl.

cc:

**LIST OF ADDITIONAL ANTENNAE****1. Omni Directional antennae**

|                 |  |
|-----------------|--|
| AOU24-OD-10     | Antenna gain 10 dBi, with cables etc. max. 7.1 dBi gain  |
| AOU24-OD-55-B   | Antenna gain 5 dBi, with cables etc. max. 1.7 dBi gain   |
| LXE 155845-0001 | Antenna gain 6 dBi, with cables etc. max. 5 dBi gain     |
| LXE 155846-0001 | Antenna gain 3 dBi, with cables etc. max. 2 dBi gain     |
| LXE 153180-0001 | Antenna gain 2.2 dBi, with cables etc. max. 1.2 dBi gain |
| LXE 480429-0400 | Antenna gain 2.2 dBi, with cables etc. max. 1.2 dBi gain |

Report covering these antennae: Senton No. 56305-90733-1

**2. Wide Angle antennae**

|               |   |
|---------------|---|
| AOU24-WA-12-A | Antenna gain 12 dBi, with cables etc. max. 9.1 dBi gain |
| AOU24-WA-12-B | Antenna gain 12 dBi, with cables etc. max. 9.1 dBi gain |

Report covering these antennae: Senton 56305-90735-1

**3. Directional Antennae**

|             |   |
|-------------|---|
| AOU24-DI-24 | Antenna gain 23.5 dBi, with cables etc. max. 20.6 dBi gain* |
|-------------|---|

Report covering these antennae: Senton 56305-90734-1

## \* Notes:

- when using cable LMR400 20ft long customers are not allowed to use frequencies 2412, 1217, 2457 and 2462 MHz
- when using other cable type/length as specified in the report (on page 12) customers are not allowed to use frequencies 2412, 2457 and 2462 MHz

Warning about this will be written in the Outdoor Antenna Installation Guide