

Northrop Grumman Systems Corporation  
Second Amendment to Form 442 Modification Application  
for KA2XGP (File No. 0022-EX-ML-2003  
Exhibit 1

With this modification application, Northrop Grumman Systems Corporations (“NGSC”) seeks to revise, as indicated below, the requested authorized power levels associated with the frequencies licensed under experimental radio station KA2XGP:

| <b><u>Frequency</u></b> | <b><u>Station Class</u></b> | <b><u>Emission Designator</u></b> | <b><u>Authorized Power</u></b> |
|-------------------------|-----------------------------|-----------------------------------|--------------------------------|
| 138-144 MHz             | FX                          | N0N                               | 100 W (ERP)                    |
| 162.1-173 MHz           | FX                          | N0N                               | 100 W (ERP)                    |
| 225-328.6 MHz           | FX                          | N0N                               | 100 W (ERP)                    |
| 335.4-399.9 MHz         | FX                          | N0N                               | 100 W (ERP)                    |
| 420-608 MHz             | FX                          | N0N                               | 100 W (ERP)                    |
| 614-806 MHz             | FX                          | N0N                               | 100 W (ERP)                    |
| 902-928 MHz             | FX                          | N0N                               | 100 W (ERP)                    |
| *1025 MHz               | FX                          | N0N                               | 100 W (ERP)                    |
| 1035 MHz                | FX                          | N0N                               | 100 W (ERP)                    |
| 1084 MHz                | FX                          | N0N                               | 100 W (ERP)                    |
| 1090 MHz                | FX                          | N0N                               | 1 W (ERP)                      |
| 1096 MHz                | FX                          | N0N                               | 100 W (ERP)                    |
| *1215-1400 MHz          | FX                          | N0N                               | 1 W (ERP)                      |
| 1427-1435 MHz           | FX                          | N0N                               | 100 W (ERP)                    |
| 1710-2690 MHz           | FX                          | N0N                               | 100 W (ERP)                    |
| 2700-2900 MHz           | FX                          | N0N                               | 1 W (ERP)                      |
| 2900-4200 MHz           | FX                          | N0N                               | 100 W (ERP)                    |
| 4400-4990 MHz           | FX                          | N0N                               | 100 W (ERP)                    |
| 5250-5600 MHz           | FX                          | N0N                               | 100 W (ERP)                    |
| 5650-8500 MHz           | FX                          | N0N                               | 100 W (ERP)                    |
| 8500-9000 MHz           | FX                          | N0N                               | 100 W (ERP)                    |
| 9000-9200 MHz           | FX                          | N0N                               | 1 W (ERP)                      |
| 9200-10500 MHz          | FX                          | N0N                               | 100 W (ERP)                    |
| 10700-12200 MHz         | FX                          | N0N                               | 100 W (ERP)                    |

*\*This second amendment revises the authorized power limits associated with transmissions at 1025 MHz and between 1215-1400 MHz.*