

## Douglas Young

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**From:** Douglas Young  
**Sent:** Tuesday, March 20, 2018 11:41 AM  
**To:** 'morrisonj@uncw.edu'  
**Subject:** Request for Info - File # 0469-EX-CN-2017  
**Attachments:** Seahawk.rtf

The FCC's International Bureau needs you to address the following issues:

Correct the fatal errors in the SpaceCap file (see attached report). Additionally, The use of the 149.9-150.05 MHz band is for MOBILE-SATELLITE (Earth-to-space) 5.209 5.220. We do not support the use of this band for EESS. Request that the applicant select a different frequency band or provide justification, including interference analysis for the use of this band. The use of the 400.725-400.825 MHz band (space-to-Earth) is not allocated for EESS. We do not support the use of this band for EESS. Request that the applicant select a different frequency band or change the class of station or provide justification, including interference analysis for the use of this band.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of March 14, 2018 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

C:\Users\Joseph.Hill\Desktop\North Carolina.mdb

Ntc ID: 118540001 Adm: USA Sat Name: SEAHAWK Action:A Status:01 D\_RCV: 3/12/2018

Fatal Errors: 12 Warnings: 9

| Beam | E/R | Grp id | Table    | Field      | Value   | Row | Valerr | Rule | F/W | Ap4 Ref    | Error Message                                                                             |
|------|-----|--------|----------|------------|---------|-----|--------|------|-----|------------|-------------------------------------------------------------------------------------------|
|      |     |        | non_geo  | sat_name   | SEAHAWK |     | 200    | 2    | W   | A.1.a      | Satellite name not in ref table                                                           |
|      |     |        | non_geo  | sat_name   | SEAHAWK |     | 200    | 3    | W   | A.1.a      | Invalid satellite name or action-code value                                               |
|      |     |        | non_geo  | f_active   | A       |     | 9354   | 1    | W   |            | CORRECTED: set f_active to 'A'                                                            |
|      |     |        | sat_ink  | orb_id     | 2       |     | 307    | 2    | F   | B.4.a.1    | Value greater than the number of orbital planes                                           |
|      |     |        | sat_ink  | orb_sat_id | 0       |     | 308    | 2    | F   | B.4.a.2    | Value greater than the number of satellites in the orbit                                  |
| VRX  | R   |        | s_beam   | pattern_id | 9999    |     | 514    | 5    | F   | B.3.c.1.b  | Value missing / does not exist as key in Ref. Table ant_type                              |
| VRX  | R   | 3      | e_as_stn | bmwidth    | 52      | 1   | 695    | 4    | W   | C.10.d.4   | Value outside computed allowable range (35.25 - 44.88)                                    |
| VRX  | R   | 3      | e_as_stn | pattern_id | 9999    | 1   | 708    | 4    | F   | C.10.d.5.a | Value does not exist as key in Ref. Table ant_type                                        |
| VRX  | R   | 3      | grp      | d_inuse    |         |     | 9312   | 1    | W   |            | CORRECTED: d_inuse was reset to null because notice.ntf_rsn = 'A' or notice.ntf_rsn = 'C' |
| UTX  | E   |        | s_beam   | pattern_id | 9999    |     | 514    | 5    | F   | B.3.c.1.b  | Value missing / does not exist as key in Ref. Table ant_type                              |
| UTX  | E   | 1      | e_as_stn | bmwidth    | 30      | 1   | 695    | 4    | W   | C.10.d.4   | Value outside computed allowable range (21.99 - 27.99)                                    |
| UTX  | E   | 1      | e_as_stn | pattern_id | 9999    | 1   | 708    | 4    | F   | C.10.d.5.a | Value does not exist as key in Ref. Table ant_type                                        |
| UTX  | E   | 1      | grp      | d_inuse    |         |     | 9312   | 1    | W   |            | CORRECTED: d_inuse was reset to null because notice.ntf_rsn = 'A' or notice.ntf_rsn = 'C' |
| XTX  | E   |        | s_beam   | pattern_id | 9999    |     | 514    | 5    | F   | B.3.c.1.b  | Value missing / does not exist as key in Ref. Table ant_type                              |
| XTX  | E   | 2      | e_as_stn | pattern_id | 9999    | 1   | 708    | 4    | F   | C.10.d.5.a | Value does not exist as key in Ref. Table ant_type                                        |
| XTX  | E   | 2      | e_as_stn | pattern_id | 9999    | 2   | 708    | 4    | F   | C.10.d.5.a | Value does not exist as key in Ref. Table ant_type                                        |
| XTX  | E   | 2      | e_as_stn | attch_e    |         | 3   | 698    | 3    | F   | C.10.d.5.a | Value missing and item 708 also missing                                                   |
| XTX  | E   | 2      | e_as_stn | diag_e     |         | 3   | 697    | 3    | F   |            | Value missing and item 708 also missing                                                   |

**Validation Report for 118540001 User JOSEPH.H created on 3/19/2018 1:54:44 PM with SpaceVal 8.0.11**

| Beam | E/R | Grp id | Table    | Field      | Value | Row | Valerr | Rule | F/W | Ap4 Ref    | Error Message                                                                             |
|------|-----|--------|----------|------------|-------|-----|--------|------|-----|------------|-------------------------------------------------------------------------------------------|
| XTX  | E   | 2      | e_as_stn | pattern_id |       | 3   | 708    | 3    | F   | C.10.d.5.a | <b>Value missing but attachment no. 697 or 698 not provided</b>                           |
| XTX  | E   | 2      | grp      | d_inuse    |       |     | 9312   | 1    | W   |            | CORRECTED: d_inuse was reset to null because notice.ntf_rsn = 'A' or notice.ntf_rsn = 'C' |