

**Micronet Communications, Inc.**

812 Lexington Dr  
Plano, Texas 75075  
972-422-7200

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: M1830404  
Licensee: Telalaska, Inc.

5.93 GHz

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Pursuant to Parts 25.203 and 101.103(d) of the FCC Rules and Regulations, a frequency coordination study was conducted by Micronet Communications, Inc. for the following proposed earth station:

Telalaska, AK

The results of the study indicate that no unacceptable interference will result with existing, proposed or prior coordinated radio facilities.

Coordination was performed with existing, proposed and prior coordinated carriers within coordination range on the following dates:

12/28/2018 Original PCN

There were no unresolved interference objections.

The attached coordination data was forwarded on the latest date to the following parties within coordination range or their authorized coordination agents:

ALASCOM, INC.  
ALASKA PIPELINE COMPANY  
ALASKA PUBLIC TELECOMMUNICATIONS, INC  
ALASKA, STATE OF  
AT&T MOBILITY SPECTRUM LLC  
CHUGACH ELECTRIC ASSOCIATION, INC.  
COMSEARCH INC  
ENSTAR NATURAL GAS CO., A DIVISION OF SEMCO ENERGY, INC.  
HOMER ELECTRIC ASSOCIATION  
MICRONET COMMUNICATIONS INC  
NORSTAR PIPELINE COMPANY, INC. AN ALASKA CORPORATION WHOLLY OWNE  
RADIO DYNAMICS

Respectfully Submitted,



Jeremy Lewis  
Systems Engineer

Attached: 1 data sheet

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TECHNICAL CHARACTERISTICS OF TRANSMIT RECEIVE EARTH STATION

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|                                  |                 |                           |        |
|----------------------------------|-----------------|---------------------------|--------|
| Company:                         | Telalaska, Inc. |                           |        |
| Site Name, State:                | Telalaska, AK   |                           |        |
| Call Sign:                       |                 |                           |        |
| Latitude                         | (NAD83)         | 60 9                      | 10.7 N |
| Longitude                        | (NAD83)         | 149 25                    | 24.7 W |
| Elevation AMSL                   | (ft/m)          | 45.00                     | 13.72  |
| Receive Frequency Range          | (MHz)           | 3700-4200                 |        |
| Transmit Frequency Range         | (MHz)           | 5925-6182.24/6212.24-6425 |        |
| Range of Satellite Orbital Long. | (deg W)         | 115.00                    | 127.00 |
| Range of Azimuths from North     | (deg)           | 141.69                    | 154.56 |
| Antenna Centerline               | (ft/m)          | 16.40                     | 5.00   |
| Antenna Elevation Angles         | (deg)           | 15.89                     | 19.20  |

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|                      |         |          |
|----------------------|---------|----------|
| Equipment Parameters | Receive | Transmit |
|----------------------|---------|----------|

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|                         |       |       |       |
|-------------------------|-------|-------|-------|
| Antenna Gain, Main Beam | (dbI) | 49.70 | 54.30 |
| 15 DB Half Beamwidth    | (deg) | 0.70  | 1.30  |

Antennas            Receive: COMMSCOPE 9.3 ESA (9.3M)  
                       Transmit: COMMSCOPE 9.3 ESA (9.3M)

|                                  |            |                 |        |
|----------------------------------|------------|-----------------|--------|
| Max Transmitter Power            | (dbW/4KHz) |                 | -22.10 |
| Max EIRP Main Beam               | (dbW/4KHz) |                 | 32.20  |
| Modulation / Emission Designator | DIGITAL    | 36M0G7W 2M70G7W |        |

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|                         |         |          |
|-------------------------|---------|----------|
| Coordination Parameters | Receive | Transmit |
|-------------------------|---------|----------|

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|                                   |       |         |         |
|-----------------------------------|-------|---------|---------|
| Max Greater Circle Distances      | (km)  | 104.80  | 100.00  |
| Max Rain Scatter Distances        | (km)  | 369.99  | 100.00  |
| Max Interference Power Long Term  | (dbW) | -158.60 | -154.80 |
| Max Interference Power Short Term | (dbW) | -149.90 | -130.80 |
| Rain Zone / Radio Zone            |       | 3       | A       |