

## Fugro Seastar Worldwide L Band Services

### The Far East

|                           | <b>POR</b>  | <b>IORH</b>  | <b>AP-Sat</b> | <b>OCSAT</b> |
|---------------------------|-------------|--------------|---------------|--------------|
| Service ID                | xC685       | xC685        | x2873         | x2873        |
| Satellite Longitude       | 178° 00' E  | 064° 00' E   | 109° 00' E    | 143° 30' E   |
| L Band Downlink Frequency | 1535.115MHz | 1535.1575MHz | 1535.1375MHz  | 1535.185MHz  |
| Downlink Data Rate        | 1200 bps    | 600 bps      | 1200 bps      | 1200 bps     |
| Receiver Symbol Rate      | 2438        | 1219         | 2438          | 2438         |

### Europe

|                           | <b>AOREH</b> | <b>EUSAT</b> |
|---------------------------|--------------|--------------|
| Service ID                | xC685        | xC685        |
| Satellite Longitude       | 015° 30' W   | 025° 00' E   |
| L Band Downlink Frequency | 1535.125MHz  | 1537.440MHz  |
| Downlink Data Rate        | 600 bps      | 1200 bps     |
| Receiver Symbol Rate      | 1219         | 2438         |

### U.S.

|                           | <b>AORWH</b> | <b>AM-Sat</b> | <b>MSV(e)</b> | <b>MSV( c)</b> | <b>MSV(w)</b> |
|---------------------------|--------------|---------------|---------------|----------------|---------------|
| Service ID                | xC685        | xC685         | xC685         | xC685          | xC685         |
| Satellite Longitude       | 054° 00' W   | 98° 00' W     | 101° 00' W    | 101° 00' W     | 101° 00' W    |
| L Band Downlink Frequency | 1535.185MHz  | 1535.1375MHz  | 1530.359MHz   | 1534.741MHz    | 1536.782MHz   |
| Downlink Data Rate        | 600 bps      | 1200 bps      | 1200 bps      | 1200 bps       | 1200 bps      |
| Receiver Symbol Rate      | 1219         | 2438          | 2438          | 2438           | 2438          |

| <b>Simbol Rate Conversion</b> |                    |
|-------------------------------|--------------------|
| <b>DataRate</b>               | <b>Simbol Rate</b> |
| <b>300</b>                    | <b>609</b>         |
| <b>600</b>                    | <b>1219</b>        |
| <b>1200</b>                   | <b>2438</b>        |
| <b>2400</b>                   | <b>4876</b>        |

Low Power: POR