

August 15, 2014

**Kymeta Corporation**

**File No. 0374-EX-ST-2014 (Call Sign WH9XMI)**

**File No. 0463-EX-ST-2014 (Call Sign WH9XOP)**

**File No. 0617-EX-PL-2014 (pending application)**

**Notification of Operational Flexibility of the O3b Satellite System**

Kymeta Corporation has been granted two special temporary authorizations and has one application pending for an experimental license to operate with the O3b non-geostationary orbit (“NGSO”) Fixed-Satellite Service (“FSS”) system in the Ka-band.

O3b has recently advised the Commission of an expansion of the possible configurations in which O3b positions its NGSO satellites.

In its initial FCC application, which sought authority for a gateway earth station located in Hawaii, O3b stated that it planned to operate eight NGSO satellites that would be spaced equally, *i.e.*, at 45° intervals.<sup>1</sup> The Commission granted this application, and O3b’s license for the Hawaii earth station includes milestones for O3b’s constellation that are premised on an eight-satellite system.<sup>2</sup>

O3b has now advised the Commission that it would like the flexibility to operate up to two of its eight NGSO satellites as in-orbit spares. The remaining satellites would be equally spaced in O3b’s authorized orbital plane, and each in-orbit spare would be co-located with a non-spare satellite.<sup>3</sup> The additional orbital configurations identified in the exhibit are consistent with the terms of O3b’s U.K. authorization.

Kymeta hereby updates the record to reflect the notification of operational flexibility filed by O3b.

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<sup>1</sup> See Application for Hawaii Earth Station, File No. SES-LIC-20100723-00952, Legal Narrative, Section III and Attachment A thereto (Technical Statement), Section A.2.

<sup>2</sup> See FCC Radio Station Authorization, Call Sign E100088, Condition 90047.

<sup>3</sup> No changes are being sought to the technical parameters identified in the license application and STAs held by Kymeta.