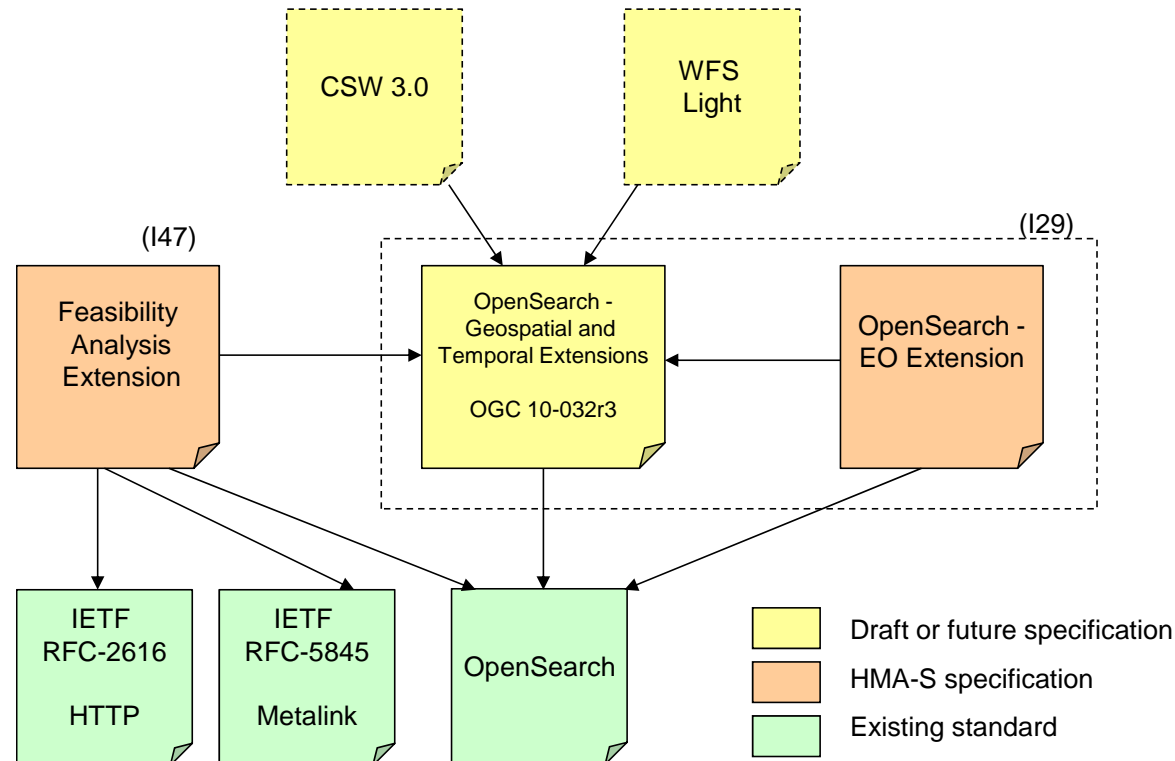


HMA for Science Kickoff Meeting OpenSearch Feasibility

KO Meeting
24 January 2013, ESRIN Frascati

Corentin Guillo, ASTRIUM

- The OpenSearch Extension for EO Satellite Tasking; also called Feasibility Protocol or OpenSearch Feasibility Extension inherits from the OpenSearch Geospatial and Temporal Extension (also called OpenSearch GeoTemporal)
- It is like the OpenSearch Extension to Search EO Products (also called OpenSearch EO Extension)



- Although the Feasibility and the EO Extensions have only the Geo-Temporal parameters in common, harmonisation and coordination will be necessary:

- **Date of Acquisition** **Geo-Temporal**

- **Geographical footprint or coverage of the data present in the product**

- | | |
|----------------------|---------------------|
| ➤ platform | ➤ operationalMode |
| ➤ sensorType | ➤ orbitDirection |
| ➤ instrument | ➤ incidenceAngle |
| ➤ resolution | ➤ wrsLongitudeGrid |
| ➤ orbitNumber | ➤ wrsLatitudeGrid |
| ➤ acquisitionStation | ➤ Pitch, roll,..... |

Common with EO Extension Feasibility Extension Specific