**CCSDS action on resource needs during 2015 -2016**

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| --- | --- | --- | --- |
| **Project (document)**  **Highlighted documents are especially urgent** | **Estimated effort**  **(man months)** | **Link for more info** | **Comments**  (no comments means no new participation) |
| CCSDS Reference Architecture | 15 mm | (not yet online) |  |
| CCSDS Ontology | 20+ mm | (not yet online) |  |
| Reference Architecture for Space Data System 5 year review | 10-20 mm | [Link](http://public.ccsds.org/publications/archive/311x0m1.pdf) |  |
| MOIMS SM&C Zero MQ binding: 1 Prototype | 6 mm | [Link](http://cwe.ccsds.org/fm/Lists/Projects/DispForm.aspx?ID=500&Source=http%3A%2F%2Fcwe%2Eccsds%2Eorg%2Ffm%2FLists%2FProjects%2FResources%2FResources%2Easpx&ContentTypeId=0x0100B63160D64FE81342BE42A874DE7E703D) |  |
| CSS CSTS Tracking Data: Prototype Provider Role | 3 mm | [Link](http://cwe.ccsds.org/fm/Lists/Projects/DispForm.aspx?ID=100&Source=http%3A%2F%2Fcwe%2Eccsds%2Eorg%2Ffm%2FLists%2FProjects%2FResources%2FResources%2Easpx&ContentTypeId=0x0100B63160D64FE81342BE42A874DE7E703D) |  |
| CSS SM Planning Data: Prototype 1 and 2 | 6 mm | [Link](http://cwe.ccsds.org/fm/Lists/Projects/DispForm.aspx?ID=359&Source=http%3A%2F%2Fcwe%2Eccsds%2Eorg%2Ffm%2FLists%2FProjects%2FResources%2FResources%2Easpx&ContentTypeId=0x0100B63160D64FE81342BE42A874DE7E703D) |  |
| CSS Generic File Transfer: Prototype 1 and 2 | 4 mm | [Link](http://cwe.ccsds.org/fm/Lists/Projects/DispForm.aspx?ID=493&Source=http%3A%2F%2Fcwe%2Eccsds%2Eorg%2Ffm%2FLists%2FProjects%2FResources%2FResources%2Easpx&ContentTypeId=0x0100B63160D64FE81342BE42A874DE7E703D) |  |
| Trajectory Prediction Data Format: Proto 1 and 2 | 2 mm | [Link](http://cwe.ccsds.org/fm/Lists/Projects/DispForm.aspx?ID=387&Source=http%3A%2F%2Fcwe%2Eccsds%2Eorg%2Ffm%2FLists%2FProjects%2FResources%2FResources%2Easpx&ContentTypeId=0x0100B63160D64FE81342BE42A874DE7E703D) |  |
| Service Request / Package Data Formats: Proto 2 | 6 mm | [Link](http://cwe.ccsds.org/fm/Lists/Projects/DispForm.aspx?ID=363&Source=http%3A%2F%2Fcwe%2Eccsds%2Eorg%2Ffm%2FLists%2FProjects%2FResources%2FResources%2Easpx&ContentTypeId=0x0100B63160D64FE81342BE42A874DE7E703D) |  |
| Service Agreement / Config Profile Data Formats | 24 mm | [Link](http://cwe.ccsds.org/fm/Lists/Projects/DispForm.aspx?ID=364&Source=http%3A%2F%2Fcwe%2Eccsds%2Eorg%2Ffm%2FLists%2FProjects%2FResources%2FResources%2Easpx&ContentTypeId=0x0100B63160D64FE81342BE42A874DE7E703D) |  |
| SIS DTN Bundle Security Protocol | 2 to 4 mm | [Link](http://cwe.ccsds.org/fm/Lists/Projects/DispForm.aspx?ID=371&Source=http%3A%2F%2Fcwe%2Eccsds%2Eorg%2Ffm%2FLists%2FProjects%2FResources%2FResources%2Easpx&ContentTypeId=0x0100B63160D64FE81342BE42A874DE7E703D) |  |
| SIS Contract Graph Routing | 6 mm | [Link](http://cwe.ccsds.org/fm/Lists/Projects/DispForm.aspx?ID=370&Source=http%3A%2F%2Fcwe%2Eccsds%2Eorg%2Ffm%2FLists%2FProjects%2FResources%2FResources%2Easpx&ContentTypeId=0x0100B63160D64FE81342BE42A874DE7E703D) |  |
| SIS DTN Network Management | TBD | [Link](http://cwe.ccsds.org/fm/Lists/Projects/DispForm.aspx?ID=201&Source=http%3A%2F%2Fcwe%2Eccsds%2Eorg%2Ffm%2FLists%2FProjects%2FResources%2FResources%2Easpx&ContentTypeId=0x0100B63160D64FE81342BE42A874DE7E703D) |  |
| SOIS Electronic Data Sheets | ca. 10 mm | [Link](http://cwe.ccsds.org/fm/Lists/Projects/DispForm.aspx?ID=466&Source=http%3A%2F%2Fcwe%2Eccsds%2Eorg%2Ffm%2FLists%2FProjects%2FResources%2FResources%2Easpx&ContentTypeId=0x0100B63160D64FE81342BE42A874DE7E703D) |  |
| SOIS Subnet WG Books 5 year review | Ca. 10 mm | (not yet online) |  |