

| Object Number | Object Heading | Object Text | Requirement Type | Applicable Systems | GFE-GFI | Evaluation Method | Evaluation Criteria | Verification Method | SAT | Verification Criteria | ID |
|---------------|----------------------------------|---|------------------|--------------------|--|---------------------------|---------------------|---------------------|-----|-----------------------|----------|
| 1 | Introduction | | Information Only | | | | | | | | TPS-1 |
| 1.1 | Scope | | Information Only | | | | | | | | TPS-2 |
| 1.1.0-1 | | This Performance Specification (PS) establishes the functionality, performance, verification and acceptance requirements for the Canadian Forces (CF) Integrated Soldier System Suite (ISS-S) and the Canadian Forces (CF) System Executive Planning Suite (SEP-Suite). | Information Only | | | | | | | | TPS-5843 |
| 1.2 | System Overview | | Information Only | | | | | | | | TPS-7 |
| 1.2.1 | ISS-S | | Information Only | | | | | | | | TPS-5070 |
| 1.2.1.0-1 | | The ISS-S is the soldier-worn suite being purchased by the ISSP. | Information Only | | | | | | | | TPS-5363 |
| 1.2.1.0-2 | | All requirements that apply to the ISS-S have their "Applicable Systems" attribute set to "ISS-S". | Information Only | | | | | | | | TPS-5368 |
| 1.2.1.0-3 | | The following capabilities are to be part of the ISS-S: • Communications Suite (Radio and Antenna); • Audio Display; • Wired Push-to-Talk (PTT) Switch; • Hearing Indicator and GPR; • SAASM GPS capability; • Battle Management Software and Computer; • External Data Storage; • Tactical User Interface; • System Management Software; • Security Features; • Power and Cabling; and • Modular Load Carriage System. | Information Only | | | | | | | | TPS-5071 |
| 1.2.1.0-4 | | Enhanced capabilities are requested to be part of the ISS-S: • On-ear Headset; and • Wireless Push-to-Talk (PTT) Switch; • Digital Imaging Capabilities; and • Various Capability and Performance Enhancements. | Information Only | | | | | | | | TPS-5382 |
| 1.2.2 | SEP-Suite | | Information Only | | | | | | | | TPS-5074 |
| 1.2.2.0-1 | | The SEP-Suite is an item purchased by the ISSP that is not part of the ISS-S but is required for the ISS-S to operate. | Information Only | | | | | | | | TPS-5075 |
| 1.2.2.0-2 | | All requirements that apply to the SEP-Suite have their "Applicable Systems" attribute set to "SEP-Suite". | Information Only | | | | | | | | TPS-5369 |
| 1.2.2.0-3 | | The SEP-Suite includes the following capabilities: • System Management Software; and • Security Features. | Information Only | | | | | | | | TPS-5364 |
| 1.2.3 | Fitted For | | Information Only | | | | | | | | TPS-5076 |
| 1.2.3.0-1 | | Fitted For refers to Government Furnished Equipment (GFE). This equipment is supplied to the contractor by DND and is to interoperate with the ISS-S to enhance the system's capability. Fitted For equipment includes: • LCS3 Rados; and • CDNAL/CNLC/HHTI | Information Only | | | | | | | | TPS-5077 |
| 1.2.3.0-2 | | Depending on how the contractor provides the SAASM GPS capability, the ISS-S could interoperate with the In-service DAGR. | Information Only | | | | | | | | TPS-5365 |
| 2 | Requirements | | Information Only | | | | | | | | TPS-3 |
| 2.1 | System Level Requirements | | Information Only | | | | | | | | TPS-73 |
| 2.1.1 | General | | Information Only | | | | | | | | TPS-2369 |
| 2.1.1.1 | Languages | | Information Only | | | | | | | | TPS-4784 |
| 2.1.1.1.0-1 | | The ISS-S must fully support both official languages, French and English. | Mandatory | ISS-S | | Description of Compliance | | Demo | No | | TPS-4785 |
| 2.1.1.1.0-2 | | The SEP-Suite must fully support both official languages, French and English. | Mandatory | SEP-Suite | | Description of Compliance | | Demo | No | | TPS-4977 |
| 2.1.1.2 | General Characteristics | | Information Only | | | | | | | | TPS-4786 |
| 2.1.1.2.0-1 | | The ISS-S audible noise emissions should be as low as possible. | Rated | ISS-S | ML-STD-1474D | Description of Compliance | | Test | No | | TPS-4787 |
| 2.1.1.2.0-2 | | The ISS-S must have a way to prevent all devices part of the ISS-S from emitting visible light when stealth operations are required. | Mandatory | ISS-S | | Description of Compliance | | Demo | No | | TPS-2624 |
| 2.1.1.2.0-3 | | Any and all sound generated by the ISS-S (excluding BMS Software running on the CF-51 laptops) must be exclusively presented to the user via the ISS-S Audio Display. | Mandatory | ISS-S | | Description of Compliance | | Contractor's Choice | No | | TPS-9123 |
| 2.1.1.2.0-4 | | The exterior surfaces of all ISS-S electronic components and cables must be of one or more of the following colours or colour patterns: • Non-reflecting flat green finish; • Non-reflective flat black finish; • Non-reflecting flat brown finish; or • CADPAT™ TNY. | Mandatory | ISS-S | D-80-001-500/SF-001: CADPAT (TW) | Description of Compliance | | Inspection | No | | TPS-2884 |
| 2.1.1.2.0-5 | | If any hardware is provided as part of the SEP-Suite, the exterior surfaces of that hardware must be of one or more of the following colours or colour patterns: • Non-reflecting flat green finish; • Non-reflective flat black finish; • Non-reflecting flat brown finish; or • CADPAT™ TNY. | Mandatory | SEP-Suite | D-80-001-500/SF-001: CADPAT (TW) | Description of Compliance | | Inspection | No | | TPS-4981 |
| 2.1.1.2.0-6 | | The ISS-S must be fitted to the soldier without requiring to be tied to any head borne equipment and not affect the correct security of the helmet. | Mandatory | ISS-S | GFE: OIG634 CF Helmet, all 3 sizes + sizing templates. | Description of Compliance | | Contractor's Choice | No | | TPS-5106 |