**Offsite Equipment Packing List**

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| Engineer: | Date: |

Important Reminders:

* Take a copy of up to date equipment factor files
* Take a copy of up to date RI drive levels, CI drive levels, and exclusion list.
* Turn on Microsoft Outlook out of office notice
* Ask the client for guest Wi-Fi access.

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| **Accessories** | | | | |
| Item | Equipment | Asset Number | Check-Out | Check-In |
| 1 | GPIB Cable – Short | N/A |  |  |
| 2 | GPIB Cable – Long (x2) | N/A |  |  |
| 3 | 120Vac Power Bar | N/A |  |  |
| 4 | AC Extension Cable | N/A |  |  |
| 5 | Banana Leads (x2 sets) | N/A |  |  |
| 6 | 10 Meter N-Type Coaxial Cable (x2) | N/A |  |  |
| 7 | 0.5 Meter N-Type Coaxial Cable (x2) | N/A |  |  |
| 8 | BNC to BNC Coaxial Cable (x3) | N/A |  |  |
| 9 | 3 Meter Ethernet Cable | N/A |  |  |
| 10 | Spring Clamps – Various Sizes | N/A |  |  |
| 11 | Metal Spring Clamps (x2) | N/A |  |  |
| 12 | Duct Tape | N/A |  |  |
| 13 | Electrical Tape | N/A |  |  |
| 14 | Masking Tape | N/A |  |  |
| 15 | Conductive Tape | N/A |  |  |
| 16 | Aluminum Foil | N/A |  |  |
| 17 | Ground Straps (x2) | N/A |  |  |
| 18 | Digital Multimeter + Leads | N/A |  |  |
| 19 | Current Clamp | N/A |  |  |
| 20 | Attenuators (3dB, 6dB, 10dB, 20dB, 40dB) | N/A |  |  |
| 21 | N-to-N type Connector (x2) | N/A |  |  |
| 22 | 90 Degree N-Type Connector | N/A |  |  |
| 23 | Dolly / Cart | N/A |  |  |
| 24 | Temperature & Humidity Logger | N/A |  |  |
| 25 | Ferrite Offsite Kit | N/A |  |  |

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| **Verification Equipment** | | | | | |
| Item | Equipment | Asset Number | Check-Out | Check-In |
| 1 | Oscilloscope + Power Cord + Probe | GEMC 264 |  |  |
| 2 | High Voltage Probe | CANE 0000143 |  |  |
| 3 | F-33 Current Clamp | GEMC 19 |  |  |
| 4 | Signal Generator |  |  |  |
| 5 | Conducted Emissions Comb Generator | GEMC 314 |  |  |
| 6 | 20dB Attenuator BNC | N/A |  |  |
| 7 | Isolation Transformer | N/A |  |  |
| 8 | High Voltage Probe | N/A |  |  |
| 9 | EFT Load Box | N/A |  |  |
| 10 | Single-Phase Socket Breakout – 100A LISN | N/A |  |  |
| 11 | Directional Coupler | N/A |  |  |
| 12 | 50cm Coaxial N Type to R-BNC Cable | N/A |  |  |
| 13 | 50cm Coaxial N Type to N Type Verification Cable | N/A |  |  |

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| **Conducted Emissions Equipment** | | | | |
| Item | Equipment | Asset Number | Check-Out | Check-In |
| 1 | Spectrum Analyzer + Power Cable |  |  |  |
| 2 | LISN (100A) | GEMC 121 |  |  |
| 3 | LISN (100A) | GEMC 122 |  |  |
| 4 | LISN (100A) | GEMC 123 |  |  |
| 5 | LISN (100A) | GEMC 124 |  |  |
| 6 | 10dB Attenuator |  |  |  |
| 7 | Laptop + Power Supply + Orbit Software | N/A |  |  |
| 8 | LISN Ground Interconnects (x3) | N/A |  |  |
| 9 | Ground Lugs (x4) | N/A |  |  |
| 10 | Ground Plane | N/A |  |  |
| 11 | 50 Ohm Terminations (x4) | N/A |  |  |
| 12 | DC Block | N/A |  |  |
| 13 | LMR400 N-Type Coaxial Cable | N/A |  |  |
| 14 | GPIB to USB Converter | N/A |  |  |
| 15 | 150kHz High Pass Filter | N/A |  |  |

*Special Notes: System shutdown to connect LISNs. Keep LISNs in place until CI.*

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| **Radiated Emissions Equipment** | | | | |
| Item | Equipment | Asset Number | Check-Out | Check-In |
| 1 | Spectrum Analyzer + Power Cable |  |  |  |
| 2 | Pre-Amplifier + Power Supply |  |  |  |
| 3 | BiLog Antenna (30MHz – 1GHz) |  |  |  |
| 4 | Horn Antenna (1GHz – 18GHz) |  |  |  |
| 5 | 6dB Attenuator |  |  |  |
| 6 | Laptop + Power Supply + Orbit Software | N/A |  |  |
| 7 | LMR400 N-Type Coaxial Cable | N/A |  |  |
| 8 | GPIB to USB Converter | N/A |  |  |
| 9 | Antenna Mast – Portable | N/A |  |  |
| 10 | Antenna Mount/Clamp (If Applicable) | N/A |  |  |

*Special Notes:*

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| **Electrostatic Discharge (ESD) Equipment** | | | | |
| Item | Equipment | Asset Number | Check-Out | Check-In |
| 1 | ESD Gun + Charger |  |  |  |
| 2 | 470 Ohm Resistors (x2) | N/A |  |  |
| 3 | Ground Brick | N/A |  |  |
| 4 | Vertical Coupling Plane (VCP) | N/A |  |  |
| 5 | Ground Plane (HCP) | N/A |  |  |

*Special Notes:*

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| **Radiated Immunity Equipment** | | | | |
| Item | Equipment | Asset Number | Check-Out | Check-In |
| 1 | Signal Generator + Power Cable |  |  |  |
| 2 | Amplifier: Low Frequency |  |  |  |
| 3 | Amplifier: High Frequency |  |  |  |
| 4 | BiLog Antenna: 30MHz-1GHz |  |  |  |
| 5 | Horn Antenna: 1GHz-18GHz |  |  |  |
| 6 | Narda Field Probe Kit | GEMC 304 |  |  |
| 7 | Field Probe Stand | N/A |  |  |
| 8 | Laptop + Power Supply + CSRS + QUAD RIM | N/A |  |  |
| 9 | LMR400 N-Type Coaxial Cable | N/A |  |  |
| 10 | 1/2m N-Type Coaxial Cable | N/A |  |  |
| 11 | GPIB to USB Converter | N/A |  |  |

*Special Notes: Minimal staff permitted around test perimeter.*

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| **Electrical Fast Transients (EFT) Equipment** | | | | |
| Item | Equipment | Asset Number | Check-Out | Check-In |
| 1 | Teseq Mainframe | GEMC 317 |  |  |
| 2 | Teseq 1-Phase CDN | GEMC 318 |  |  |
| 3 | Teseq 3-Phase CDN | GEMC 319 |  |  |
| 4 | Laptop + Power Supply + Teseq WIN3000 | N/A |  |  |
| 5 | Teseq Cables & Connectors Pink Bags (x2) | N/A |  |  |
| 6 | Ground Plane | N/A |  |  |

*Special Notes*

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| **Surge Immunity Equipment** | | | | |
| Item | Equipment | Asset Number | Check-Out | Check-In |
| 1 | Teseq Mainframe | GEMC 317 |  |  |
| 2 | Teseq 3-Phase CDN | GEMC 318 |  |  |
| 3 | Teseq 1-Phase CDN | GEMC 319 |  |  |
| 4 | Laptop + Power Supply + Teseq WIN3000 | N/A |  |  |
| 5 | Teseq Cables & Connectors Pink Bags (x2) | N/A |  |  |
| 6 | Ground Plane | N/A |  |  |

*Special Notes:*

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| **Conducted Immunity Equipment** | | | | |
| Item | Equipment | Asset Number | Check-Out | Check-In |
| 1 | Signal Generator: 150kHz-80MHz |  |  |  |
| 2 | Amplifier: 150kHz – 80MHz |  |  |  |
| 3 | Bulk Current Injection (BCI) Clamp Kit |  |  |  |
| 4 | F-33 Current Probe | GEMC 19 |  |  |
| 5 | Laptop + Power Supply + CSRS Software | N/A |  |  |
| 6 | LMR400 N-Type Coaxial Cable | N/A |  |  |
| 7 | 1/2m N-Type Coaxial Cable | N/A |  |  |
| 8 | GPIB to USB Converter | N/A |  |  |
| 9 | Ground Plane | N/A |  |  |

*Special Notes: System shutdown. Remove LISNs. Connect 3-Phase CDN.*

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| **Power Frequency Magnetic Field Equipment** | | | | |
| Item | Equipment | Asset Number | Check-Out | Check-In |
| 1 | Magnetic Loop |  |  |  |
| 2 | Current Clamp Meter | GEMC 260 |  |  |
| 4 | Milligauss Meter | GEMC 74 |  |  |
| 3 | Variac / Current Source | N/A |  |  |
| 5 | International Power Supply (IPS) | N/A |  |  |

*Special Notes:*