



August 2, 2012

IC ID: 6050D-SL100

Application for Equipment Authorization

In accordance with FCC Requirements, we Topcon Positioning Systems (Aust) Pty Ltd, request Certification for the Bluetooth Transceiver contained within the SL-100/MC-I3 Machine Controller / Information Gateway.

Description:

The SL-100/MC-I3 is a compact Machine Control and Communications Gateway that provides cellular internet connectivity for Topcon machine control products.

The Device supports Bluetooth and Cellular wireless connectivity. The Cellular Modem in the SL-100/MC-I3 already has its own FCC ID: 09EQ26EX

Model Information:

1. Model Number 1000082-01, SL-100 with SL-R3 Modem
2. Model Number 1000082-02, MC-I3 with SL-R3 Modem and Single GPS
3. Model Number 1000082-01, MC-I3 with SL-R3 Modem and Dual GPS

Each model is identical in all aspects except for the number of GPS boards that are in the device. The Bluetooth Transceiver which is being certified is located on the SL-R3 modem board (refer SL-100 Block Diagram) and is identical in all Models.

Model number 1000082-01 does not contain a GPS board and will be marketed under the name SL-100, and is designed to provide internet connectivity to existing Topcon Machine products.

Model Numbers 1000082-02 and 1000083-03 contain one or two GPS boards and will be marketed under the name MC-I3. The MC-I3 is an alternative to other Topcon Machine control products

Supporting Information:

- Request for Confidentiality
- ID Label - Location Information
- External Photos
- Internal Photos
- SL-100 Block Diagram
- Bluetooth Module Block Diagram and Technical Data
- Bluetooth Schematic
- Bluetooth Bill of Materials
- Bluetooth Patch Antenna
- Test report

Signed for Topcon Positioning Systems (Aust) Pty Ltd

A handwritten signature in blue ink, appearing to read 'W. Klein', written over a horizontal line.

Wesley Klein
Senior QA Engineer
3/54 Turbo Drive
Coorparoo, Qld, 4151, Australia