

FCC Part 15D – APPLICATION FORM & SELF-DECLARATION

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| Applicant Name | MACKARL ENTERPRISES INC. | | |
| Address | 16960 Gale Ave., City of Industry, California, United States of America | | |
| Contact person | Alvin Po | | |
| Telephone No. | +1 – 626 965 5588 | Fax No. | +1 – 626 965 6998 |
| Manufacturer Name | SHENZHEN G. CREDIT ELECTRONICS CO.,LTD | | |
| Address | Zhida Industrial Park, West Longping RD, Central City, Longgang Town, Shenzhen City, Guangdong Province 518172 China | | |

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|------------------------|----------------|-------------------------|
| | PP | FP |
| FCC ID | NK631238 | NK631238 |
| Model Number | 31238/31239 | 31238/31239 |
| HW version | REV0.7 | REV0.1 |
| SW version | V0576 | V0584 |
| Antenna Type | INVERSE L Type | INVERSE L Type |
| Max, Antenna Gain(dBi) | 3 | 3 |
| Mains Power Voltage | | Adapter Input AC 120 V |
| | | Adapter Output DC 6.0 V |
| | | FP Inport DC 6.0 V |
| Battery Voltage | DC 2.4 V | |

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| Number of channels | 5 | | | | |
| Carrier frequency(MHz) | 1921.536 | 1923.264 | 1924.992 | 1926.720 | 1928.446 |
| Nominal Receive Bandwidth | +/- 500KHz | | | | |
| Frame period(ms) | 10 | | | | |
| Timeslot Plan | 24 timeslots per frame. First 12 timeslots used for PP transmissions and other 12 timeslots used for FP transmissions. | | | | |
| Operating Temperature Range(° C) | Min | -10° C | Max | 40° C | |

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| Does a system built with the EUT that implement the provisions of 47CFR 15.323(c) (5) enabling the use of the upper threshold for deferral? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| According to 47CFR 15.323(c) (5).4, does your model not use bandwidth in further cooperation with other devices at any range? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| Does a system built using the EUT that operate under the provisions of 47CFR 25.323(c) (6) incorporating provisions for waiting for a channel to clear? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| According to 47CFR 15.323(c) (8), does EUT use the same antennas for transmission and reception as for monitoring? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| Does a system built with the EUT that operate under the provisions of 47CFR 15.323(c) (10) to test for deferral only in conjunction with a companion device? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Does a system built using the EUT that operate under the provisions of 47CFR 15.323(c) (11) enabling the access criteria check on the receive channel while | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

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| in the presence of collocated interferers? | | | |
| According to 47CFR 15.323(c) (12), does EUT not work in a mode with denies fair access to spectrum for other devices. | | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| Does you model have the monitoring made through the radio receiver used for communication? | | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| Does your model transmit control and signaling channels? | | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| According to 47CFR 15.307(b), does the applicant have the affidavit from UTAM Inc.? | | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| According to 47CFR 15.319(b), do all transmissions use only digital modulation techniques? | | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| The provisions within the EUT for self-check, by which compliance with 47CFR 15.319(f) is obtained. | A – Connection break down, cease of transmit | Reaction of EUT | |
| | B – Connection break down, EUT transmits its signaling information | FP | PP |
| | C – Connection break down, compare device transmits signaling information | NA | NA |
| | N – Not possible | B | NA |
| | | NA | NA |
| | | NA | C |
| | | A | C |
| | | B | A |

Date: 2010-03-08

Title: Project Manager

Signature:

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