SUBJECT: Rechargeable Battery Storage Guidelines

MODELS:
All Motorola rechargeable batteries.

PURPOSE:
Users should follow the guidelines and tips stated below to obtain optimum performance from their Motorola rechargeable batteries. There will be an undetermined sum of capacity loss due to long periods of storage that will never be recovered. The procedures highlighted in this document will minimize the capacity loss of your Li-Ion Batteries.

RECOMMENDATIONS:
1. Do not store batteries in containers with flammable materials.
2. Store batteries in well ventilated, temperature and humidity controlled locations. Optimum temperature is between 68°F (20°C) and 86°F (30°C). Optimum relative humidity is between 30% and 60%.
3. Battery must be discharged below 50% state of charge prior to storage.
   a. New batteries are typically 30% to 50 % charged, when shipped from Motorola factories. Thus, there is no need to charge or discharge the batteries prior to storage.
   b. Used batteries removed from service for extended periods (>30 days) should be discharged to about 50% of their capacity before storage.
4. If planning to store batteries for periods longer than 1 year, partially charge the batteries at the recommended frequency intervals
   a. Nickel Chemistries (NiCd, NiMH) every 6 months
   b. Lithium Ion Chemistry every 12 months

Partial Recharging Process IMPRES™ batteries in IMPRES™ Chargers:
1. Insert, remove and reinsert battery within 5 seconds in IMPRES™ chargers. This will bypass the reconditioning cycle and enable the rapid charge mode (Steady Red LED).
2. Allow battery to charge for 30 minutes then remove and return to storage.

Partial Recharging Process all batteries in Non-IMPRES™ Chargers:
1. Insert battery in charger pocket to enable rapid charge mode (Steady Red LED).
2. Allow battery to charge for 30 minutes then remove and return to storage.

5. Before putting batteries into use make sure to follow the guidelines below.

Reconditioning Process IMPRES™ batteries in IMPRES™ Chargers:
1. Before use provide each battery with 2 reconditioning/calibration cycles. Single Unit, Dual Unit, and Multi Unit Chargers will require manual reconditioning. To manually recondition a battery insert battery in charger if LED turns Orange reconditioning cycle has begun. If LED does not turn orange immediately remove and reinsert battery and LED will display orange Dual unit charger has switches to turn on/off reconditioning. Make sure switches are on.