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**Proposal Overview**  
(What if.....)

- I. Introduction (Administration and Policy Topic...)
- II. Purpose (Justification)
- III. Proposed Research Objectives (functionality, feasibility and legality)
- IV. Methods
- V. Preliminary Discovery
- VI. Closing

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Introduction

**Electronic Data Collection and Tracking System for Hunting and Fishing Licensing?**

- Why change at all?
- Would modification of the current system add value?
- Keep current system and add data and location capabilities?
- Is there an enforcement benefit? Social benefit?
- Other purposes benefit from this research?

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Purpose

### Safety System for Enforcement Officers

- identification from a distance
- radio in prior to approach
- identify prior offenses


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Purpose


### Safety Features for the Public

- accident
- health situation
- Weather (blizzard)

**Tennessee Deer Woods For 4 Nights**  
**November 22, 2007**  
 Waverly, Tennessee  
 of Tennessee's much  
 season opener turned  
 chance to start. Camp  
 on Saturday Novemb  
 fall. With no safety re  
 ground near the base  
 make it back to his tr  
 cell phone, he laid the  
 help. That help did n  
**Wednesday, 4 1/2 d**  
 Long noticed Campbr  
 same place for days  
 looking for him.



**THE WINDS OF HELL**  
 Minnesota, November 10, 2000



Two of the many hunters who  
 died in the blizzard. Minneapolis  
 Star Journal, Minnesota

**ating**  
 (AP) -- Authorities do not  
 weekend death of a hunter in  
 .....He apparently  
 woods off Highway 27  
 , after climbing out of his  
 Department of Conservation  
 --its three hunter deaths so  
 on opened November 17,

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Purpose



© Original Artist  
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Purpose

- Better data collection from the field?
  - Demographics
  - Preferred game / fish pursued



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## Objectives

- Functionality
- Feasibility
- Legality

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Functionality

### Objectives:

- Research current available technologies
  - Radio Frequency Identification (RFID)
  - Transponder (emergency locators)
  - Global Positioning System (GPS)
  - Cellular Technology (cell phones)
  - Combination of GPS and Cellular

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**Objectives:**

- Identify Needs
  - Data acquisition  
(Identify specific individuals in the field)
  - Location  
(can we locate and track specific license holders?)

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**Objectives:**

Review delivery and recovery options



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**Objectives:**

- Narrow to proposed method



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**Objectives:**

- Will this technology work within agency enforcement policy and procedures?
- Can we cross reference location identification with demographic data?
- If implemented, very large fines for not having delivery system with you in the field.

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**Objectives:**

- Identify civil rights
- Existing legislation against this approach?

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**Methods**

- Publication and Internet Research
- Field Research Observations
- Agency interaction
- Policy Review
- Legislative Review

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## Preliminary Discovery of Feasibility

- Some agencies are open to discussion

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## Acknowledgments



Dr. Hodges  
Billy Minser  
All my Professor's  
Fellow Students  
(thanks for the great  
presentations!)

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## Question Time.....



- Thanks to all in attendance

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