Great Lakes Park Training Institute

**Gadgets**

Tuesday/ Wednesday 10 A.M.

February 22-23, 2005

**Session Coordinators:**

Richard Sobecki, Bill Brauer

**Presenters:**

Richard Sobecki, Bill Brauer, Tim Galvin, Cliff Morrison,

Mark Spencer, Shane Ultsch, John Green
i. Introduction: Richard Sobecki

GADGET

THE EVOLUTION OF A GADGET

THERE MUST BE AN EASIER WAY...

NOPE, NOT QUITE RIGHT

FINALLY !!!
I. Richard Sobecki, Huron-Clinton Metroparks, MI
A. Global Positioning Systems (GPS)
   1. Geo Caching
   2. Gives patrol precise locations of:
      a. Fence Issues
      b. Wildlife Issues
      c. Boundaries
B. Blue-Tooth Cell Phone
   1. Wireless Earpiece
   2. Rings in Ear, Silent Otherwise
   3. 30 ft. Range from Phone Location
C. Super Absorbent Towels (Sewing “B” – Manufacturer)
   1. Dries Soft, Will Not Harden like a Chamois
   2. High Capacity Absorbing Power
   3. Great for Swimming/ Lifeguards
   4. Will Absorb Oil
   5. Fast Drying
D. Liquid De-Icer
   1. Sprays On
   2. Quick Acting
E. Rain-Ex™ Windshield Washer Fluid Additive
F. Hot Shot™
   1. Attaches to Windshield Washer Fluid Lines
   2. Heats Fluid
   3. Solvent Prevents Freezing
G. Eagle Scout Projects
   1. Bridge
   2. Flag Pole
II. Tim Galvin, Dane County Parks, WI
A. Round Pipe Section Cut to Protect Picnic Tables from Mower wheels
   - Fits over Wheel Shaft
B. Picnic Table Trailer
   1. Holds Six Tables on Each Trailer
   2. Easy Way to Move Tables
C. Hydraulic Trailer Gate Lift
   1. Electric Power
      a. Battery Powered
      b. Can Run off of Truck’s Power
   2. Prevents Injury
   3. One Person Operation
D. Boom Attachment for Uni-Loader (Bobcat)
   1. Telescoping Ability
   2. Used to Set Boardwalks in Place
E. Wood Chip Spreader Attachment
   1. Made from an Old Broom Attachment
   2. Broom Removed and Replaced with Steel Tines
   3. Automatically Spreads Wood Chips across Trails
III. Cliff Morrison, Summit County, OH
A. Light Bar Attachment
   1. Connects to Trailer Lights
   2. Able to Check Lights from Cab
   3. Telescoping Ability
   4. 1999 Winner

B. Weed Eater Stand
   1. Useful for other Tools
   2. 2000 Winner

C. Chainsaw Backpack
   - 2002 Winner

D. Multi-Fluid Pump
   1. Fits in Dipstick Tube, Fuel Tank, etc.
   2. Hand Pump Action
   3. Great for Winterizing

E. LiquiVac™
   1. Various Tube Sizes to fit any Application
   2. Hand Pump with Siphon Action
   3. Tank Attached
   4. Clean Alternative to Drain Plugs
IV. Mark Spencer, Du Page, IL
A. Trail Groomer
   1. Wheel Supports to Raise Deck
      - Made from Trailer Jacks
   2. Square Channel
   3. Pin Adjustments
   4. Pre-marked Elevations

B. Oar Locks for Rowboats
   1. Half-Moon Fin Attachment
      - Limits Range of Motion to Prevent Bending
   2. Hydraulic Quick-Coupler Attachment
   3. Plate Attached to Oars to Protect Against Fin
   4. NO REPAIRS NEEDED SINCE IMPLEMENTATION
A. Boom Sprayer
   1. Attaches to Trailer Hitch
   2. Self-Contained Unit Slides into Truck Bed
B. “Billy Goat” Blower Attachment for Gator
   1. Clears Trails
   2. Clears Debris
   3. Self Contained Unit
C. Square Channel Post Pounder
   - Keeps Post Edges from Curling
D. Snow Fence Post Pounder
   1. Made from Scrap Metal
   2. Cheaper Alternative to Store-Bought Product
E. Hay Wagon Benches
   1. Made of ¾” Plywood and 2x4’s
   2. Better Alternative to Hay Bales
   3. Holds 12-14 People
   4. Securely, Safely Attached to Trailer
F. Hay Wagon Steps
   1. Fixed to Trailer
   2. Hand Rails
G. ZTR Snow Blade
   1. Re-used Garden Tractor Plow Blade
   2. Lengthened by 30”
   3. Rubber Edge from Tire Tread
   4. Interchangeable with Rotary Broom or Snow Blower
   5. Hydraulic Control
   6. Manual Angling
H. Pond- Golf Ball Retriever
   1. 1” PVC and Old Golf Netting
   2. Mounts to Front of Boat
   3. Skims across Water Surface
   4. Rope/Pulley System Dumps Balls into Boat
   5. One Person Operation
VII. John Green
A. Picnic Table Mover
   1. Lever Action with Wheels
   2. One Person Operation
   3. Reduces Chance of Injury
B. “Oil-Dri” Scrubber
   1. Wooden Block Attached to Push Broom Handle
   2. Rubs in “Oil-Dri”
C. Lamp Post
   1. Cost Effective Alternative to Store Bought
   2. Brake Rotor Base
   3. 1 ¼” PVC with 1” PVC Slide
   4. Halogen Light Mounted on Top
   5. Versatile Options- Light Switches/ Outlets
D. Trash Can Cart
   1. Modified Two-Wheeled Cart
   2. Steel Hoop Welded to Frame
   3. Slips over Barrels for Easy Transport\
VIII. Bill Brauer

A. Three-Legged Saw Horse (DreamHorse™)
   1. Takes up Minimal Storage Space
   2. Handle Easily Bundles Horses Together
   3. Plywood Option For Work Surface

Notes Taken by Sam Hensley, Indiana University Student