

Version No: Draft Issue Date: 08/11/2010 Portfolio:	Horizons Regional Council	Section No: 21.10 Page: 1 of 1
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HDMP: Harvest inspection and instrument setup

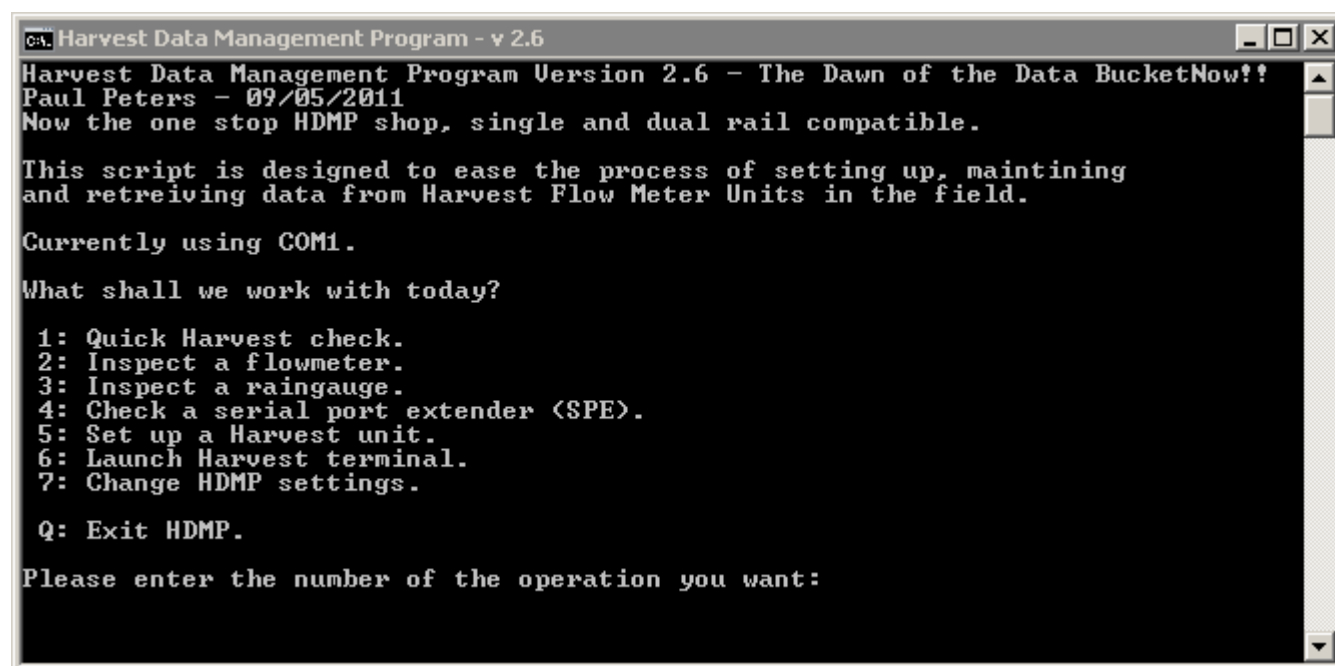
Overview

HDMP has been developed to allow easy and consistent setup and inspection of the Harvest hardware. It utilises a batch file of routines to allow for simple inspections of harvest ITU's and programming of both ITU and SPE hardware.

HDMP setup

HDMP is accessed from <\\hera\councildata\hydrology\Flow meters\Flow Meter Tools\HDMP.bat>

This file is automatically updated with new and revised code with appropriate version control to track the changes. The latest version should always be used to ensure the consistency of generated files and settings. When started, HDMP will show a numerical menu structure with available options and sub menus



```

C:\ Harvest Data Management Program - v 2.6
Harvest Data Management Program Version 2.6 - The Dawn of the Data BucketNow!!
Paul Peters - 09/05/2011
Now the one stop HDMP shop, single and dual rail compatible.

This script is designed to ease the process of setting up, maintaining
and retrieving data from Harvest Flow Meter Units in the field.

Currently using COM1.

What shall we work with today?

1: Quick Harvest check.
2: Inspect a flowmeter.
3: Inspect a raingauge.
4: Check a serial port extender (SPE).
5: Set up a Harvest unit.
6: Launch Harvest terminal.
7: Change HDMP settings.

Q: Exit HDMP.

Please enter the number of the operation you want:

```

The first time you run the program you will need to define the Com port used, menu 7 allows this and the program startup screen will show the currently defined port.

Menu Options

Menu 2 is designed to give options for flow meter inspections, Either quick inspections, inspection only or full download and inspections are possible. In addition manual data entry and folder generation are possible.

When Inspecting a flow meter a full download during the visit should be undertaken to provide a manual dataset for archiving.

Menu 3 is for