5 Software History

23/11/89	BASEPROG Version 1
23/08/90	PGM800 Version 2
11/06/91	PGM800 Version 2.01
03/10/95	PGM800 Version 2.21
28/06/96	PGM800Win Version 1.00
18/08/97	PGM800Win Version 2.00

5.1 BASEPROG V1/PGM800 V2

T800 programming software was originally developed as BASEPROG V1 and released as PGM800 V2.

5.2 PGM800 V2.01

The major changes introduced with V2.01 are as follows:

- Full support for different display adaptors.
- Programming of CTCSS frequency data (optional) for individual channels.
- Full cursor control in edit mode.
- User selectable output file format (hex or binary).
- Support for wider range of T800 equipment.
- DOS shell facility implemented.
- CTCSS defeat possible when CTCSS tone is not selected.
- Channel numbering changed from 0-127 to 1-128.
- An "X" included on the printout to indicate that there are 8 switches on the DIP switch and the state of the MSB is dependent on the size of the EPROM used.

Note: The data files produced by BASEPROG V1.0 are still compatible with PGM800 V2.01.

5.3 PGM800 V2.21

PGM800 V2.21 is an updated and expanded version of the earlier PGM800 V2.01 software.

PGM800 V2.21 includes many new and improved features over PGM800 V2.01. There are a number of changes to the user interface to make data entry and editing significantly easier.

Major changes are outlined below:

- Includes several new radio models which are not programmable with PGM800 V2.01.
- Default file names with 'dash' are saved with 'dash' instead of 'underscore'.
- Default file extension in Save File page is BIN instead of HEX.
- Out of range frequencies will result in warning messages, but will still be accepted as valid entries.
- Channel numbers are selectable between 0-127 and 1-128.
- Automatic insertion feature to input frequencies.

Note: The datafiles produced by BASEPROG V1.0 and PGM800 V2.01 are still compatible with PGM800 V2.21.

5.4 PGM800Win V1.00

PGM800Win V1.00 is different in concept from DOS versions of PGM800 in that it is Windows™ driven. It includes many new and improved features over DOS versions of PGM800.

Major changes are outlined below:

- The Windows environment makes data entry and editing significantly easier.
- Includes several new radio models which are not programmable with DOS versions of PGM800.
- Out of range frequencies will result in warning messages and will not be accepted for entry into the standard library module. User defined modules can be created allowing variation from the standard library module.
- Channel numbers default to 0-127 to match the EPROM memory locations, however the user can change the setting so that the channel numbers run from 1-128 to suit his/her particular needs.

Note: The datafiles produced by BASEPROG V1.0 and all DOS versions PGM800 are still compatible with PGM800Win V1.00.

5.5 PGM800Win v2.00

PGM800Win V2.00 is an upgraded and expanded version of PGM800Win V1.0. It has been developed specifically for T800 Series II base stations but also has the capability of programming Series I equipment.

Major changes are outlined below:

- The Windows environment makes data entry and editing significantly easier.
- Includes several new radio models which are not programmable with DOS versions of PGM800.
- Out of range frequencies will result in warning messages and will not be accepted for entry into the standard library module. User defined modules can be created, allowing variation from the standard library module.
- Channel numbers default to 0-127 to match the EPROM memory locations, however the user can change this setting so that the channel numbers run from 1-128 to suit his/her particular needs.
- The ability to program T800 Series II base station modules via serial communications.
- Deviation and reference modulation settings are written automatically to the radio.
- Extra information that is not stored in the radio (but is information relevant to the radio) can be saved to a file on disk (e.g. note field, auxilliary pin names etc).

Note: The datafiles produced by BASEPROG V1.0. all DOS versions of PGM800 and PGM800Win V1.0 are still compatible with PGM800Win V2.00.

