Addendum

to DPR250 Recorder Product Manual 43-DR-25-18 (US1i-6199)

Special Instructions for ST-041

The ST-041 is special software for the DPR250 Recorder that creates a printing format that allows up to 64 channel values to be printed out in the TABULAR format. The print out is formatted in rows showing channel designation and process value. With all 64 channels configured to print in the tabular mode, the values are printed out in an eight by eight matrix of process values.

For configuration of the recorder to print the 64 digital channel values, the channels must be configured to print using the TABULAR format under the PRINTER set up function by setting the PRINT MODE to TABULAR. With it set to TABULAR, the recorder will print out all “CHART TRACES” configured as an active trace (set for something other than NO TRACE) under the CHART set up.

The traces 33-64 of the CHART configuration are not uploaded or downloaded via the PC Configurator; therefore, they must be manually reconfigured after an upload. The PC Configurator gives the following warning when an upload is initiated: "Warning: Configuration corrupted!"

Configuration parameters should be reviewed and verified before the recorder is installed and commissioned.

Limitations

Engineering Units and Tag Names with this ST-041 special cannot be printed out in the Tabular mode. The Engineering Units can be printed with the SNAP SHOT TRACE.

The PC Configuration device can only configure the first 32 CHART channels; the other channels (33 to 64) must be configured manually via the recorder MMI. Configurations can be uploaded and downloaded but the PC Configurator gives the following warning when an upload is initiated: "Warning: Configuration corrupted!" since the PC Configurator does not recognize Chart Traces above channel 32.

The Communications option can read up to 64 channels but can only write as COMM values to 32 channels, which is the same as the standard product firmware.

Changes were not made in the PC Configuration Software to support this ST-041 Special. The traces 33-64 of the CHART configuration are not uploaded or downloaded; therefore, they must be manually reconfigured after an upload.