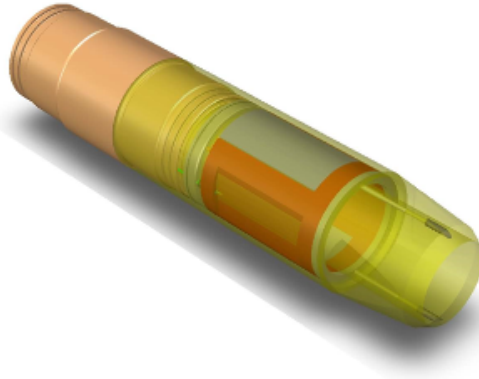
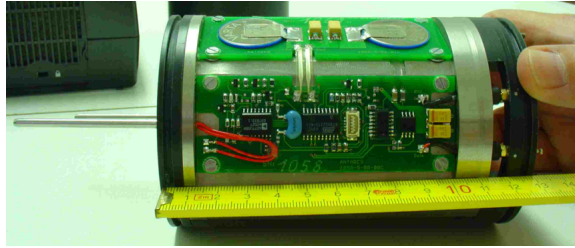


# APCT-3 Run Procedure

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*APCT-3 Electronics*

*APCT-3 Shoe*

## Tool assembly

1. Check pressure case and cutting shoe for damage. Ensure they are in good working order.
2. Check O-Rings on the case. Ensure they are not damaged. Apply a light coat of **Dow Corning 111** grease to the O-Rings and install on the case. Ensure threads are clean and apply a light coat of **Lubriplate No. 630-2 Multipurpose Grease P/N 07298**.
3. Install electronics package into the pressure case using the installation tool. Apply a liberal amount of **Thermal Joint Compound Type 120 from Wakefield Engineering** to the temp sensor and install in the case.
4. Install data cable in the electronics package.

## Initialization

1. Launch **WinTemp** from the desktop
2. Select-Logger
3. Select-Battery. Battery Voltage 3005mv. If below 2750mv return logger to shore.
4. Select-Exit
5. Select-Logger
6. Select-Setup. A warning message may appear: "The logger contains data. Please clear memory before proceeding."
7. Select-OK
8. Select-Logger
9. Select-Clear Data. A warning message may appear: "Do you really want to clear data?"
10. Select-Yes
11. Select-Logger
12. Select-Setup (If no additions)
13. Select-Start Now!
14. Select-OK Select after tool starts to run. Verification window will come up. Tool can run for 18 hours.

## Deployment and tool retrieval

1. Remove cable from electronics package.
2. Using the installation tool, insert the electronics package into the cutting shoe.
3. Attach cutting shoe to pressure case. Tighten snugly with special wrench.
4. Run Tool. Recommended 5 min at mud line and 10 min after shooting into the hole.
5. When tool returns from the hole, ensure it is loosened on the drill floor and power washed off on the core receiving deck.
6. Put the tool in the vice. Use the wrench to remove the cutting shoe from the pressure case.
7. Using the installation tool remove the stainless steel spacer with the O-Ring.

## Data download

1. Install data cable in the electronics package.
2. Run **WinTemp**:
  - a. Select-**WinTemp** from desktop.
  - b. Select-Logger
  - c. Select-Read data. You will see the following message: "The logger is still active. Do you want to stop acquisition?"
  - d. Select-Yes
  - e. Select-File > Export and then save as to copy both WTF and the DAT file
  - f. Browse to core folder (e.g. C:\data\in\368\1501C\368-1501C-05H)
  - g. Select-Save
  - h. Select-Logger
  - i. Select-Clear Data. Verification message will appear: "Do you really want to clear the logger memory?"
  - j. Select-Yes
  - k. Select-Setup
  - l. Select-Deactivate

## Data processing

1. Launch **TPFITnew.exe** from the desktop.
2. Select-Load Data
3. Select-Exp 354 Folder
4. Select-.dat file
5. Select-Open
6. Select-Edit Meta Data Add run#-Hole# mbsf depth-Operator Name
7. Select-Accept/Pick/To-Pick Center Window of Curve/Start-Pick End-Pick/Done/Compute Contours-Gives Final Temp
8. Select-Make Report.

## Credits

This document originated from Word document APCT-3 Run Procedure\_374.docx (see Archived Versions below for a pdf copy) that was written by R. Gjesvold (2017-07-17). Credits for subsequent changes to this document are given in the page history.

## Archived Versions

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