

# Report Writer – Additional Topics

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## How to Use Data from the PAYROLL\$HISTORY file

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### Description:

This report is a mechanism that lists gross taxable earnings for each employee, sorted first by employee craft classification.

### Concepts used:

- Standard items PH\_KEY, PH\_AMOUNT
- Using the CONDITION section to establish the items for use in the report
- Combine a file definition with permanently defined items

```
DATA_DEFINE:
  File= PERSONNEL$DATA _ Key 0
  EMPLOYEE_NUMBER; CLASS; NAME_LFM; DATE_TERMINATION; ~
  SSN1; SSN2; SSN3
*
* The items not from universal files are:
* PH_AMOUNT; PH_KEY;
*
LEVEL:
  CLASS
  EMPLOYEE_NUMBER
COLUMN:
  Level:EMPLOYEE_NUMBER Row: 1
  EMPLOYEE_NUMBER 1 B'ZZZZZZZZ#
  NAME_LFM 12 30
  GROSS 50 B'---,---,--#.##'
CONDITION:
  GROSS is PH_AMOUNT when ~
  PH_KEY from TP thru TP
```

The output of this report would appear as follows:

|                                 |           |
|---------------------------------|-----------|
| 100 HAMMERSON, JONATHAN R.      | 17,226.00 |
| 150 DUCHWALD, HOWARD            | 32,100.00 |
| 200 EVAS, MARILYN C.            | 9,705.00  |
| 20123 GERRARD, WILLIAM P.       | 1,000.00  |
| 35000 LOWES, KATHY L.           | 3,000.00  |
| 35432 LUTHAS, TIMOTHY P.        | 2,000.00  |
| 90101000 FONTAINE, GERALDINE G. | 1,000.00  |
| 90201000 MANDASE, HANS          | 900.00    |
| 380101000 RALPHES, RICHARD C.   | 3,000.00  |
| CLASS: 6500.00                  | 52,705.00 |
| GRAND TOTAL                     | 69,931.00 |

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### Notes About Using the PAYROLL\$HISTORY File

#### **Permanently Defined PAYROLL\$HISTORY file items**

Refer to the "Payroll Earnings and Deductions Array" to determine what items are stored in the PAYROLL\$HISTORY file, and how to get them included in a report. Also, all the permanently defined items are listed in the following file:

\$PT\_PATH/file/report.writer.item.

#### **Field definitions, lengths and output images?**

The field definitions are supplied as part of the permanently defined list. Use the COLUMN section of the report to override the output images.

#### **The Payroll History Fields PH Q1, Q2 etc.**

These are pseudo field names used to hold data for the each component of a gross to net calculation. Visualize looking at the file where the PH\_KEY defines the set, each PH\_Q# is a field that belongs to that set. For example:

- when PH\_KEY = TP, then PH\_Q1 = the withholding state
- when PH\_KEY = CD, then PH\_Q1 = deduction code number
- when PH\_KEY = FW, then PH\_Q1 is always blank

#### **Effective Date of the Entries**

The check date is part of the key to each record in the PAYROLL\$HISTORY file. It is important to supply a beginning date with the report request, for example:

| <u>Report Date</u> | <u>Begin Date</u> | <u>Result</u>              |
|--------------------|-------------------|----------------------------|
| 12/31/00           |                   | All wages for ALL YEARS    |
| 12/31/00           | 01/01/00          | All wages for 2000         |
| 12/31/00           | 10/01/00          | All wages for 4th Qtr 2000 |