Oracle ERP View Documentation: AP.AP_INVOICE_DISTRIBUTIONS_ALL

Overview

The `AP.AP_INVOICE_DISTRIBUTIONS_ALL` table in Oracle ERP stores detailed invoice distribution data for the Accounts Payable (AP) module. It includes financial, taxation, matching, encumbrance, MRC (Multi-Reporting Currency), project accounting, and audit tracking details. This table is critical in ensuring the traceability of invoice expenditures and ensuring regulatory compliance.

Core Distribution Fields

1. INVOICE_DISTRIBUTION_ID: Primary key for each distribution entry.
2. INVOICE_ID: Links to the parent invoice.
3. DISTRIBUTION_LINE_NUMBER: Line number in the invoice.
4. AMOUNT / BASE_AMOUNT: Distribution financial value.
5. ACCOUNTING_DATE / PERIOD_NAME: When and where the distribution is recognized.
6. LINE_TYPE_LOOKUP_CODE: Type of line (ITEM, ACCRUAL, TAX, etc.).
7. DIST_CODE_COMBINATION_ID / ACCTS_PAY_CODE_COMBINATION_ID: GL account linkage.

Project & Asset Tracking

8. PROJECT_ID / TASK_ID / EXPENDITURE_TYPE / EXPENDITURE_ORGANIZATION_ID: Link to project costing.
9. ASSET_BOOK_TYPE_CODE / ASSET_CATEGORY_ID: Asset management categorization.
10. PA_ADDITION_FLAG / PA_CMT_XFACE_FLAG: Project accounting integration.
11. MERCHANT_NAME / DOCUMENT / TAX_ID: For supplier and merchant references.
12. PARENT_INVOICE_ID: Supports invoice hierarchies.

Matching & Reconciliation

13. MATCH_STATUS_FLAG / FINAL_MATCH_FLAG / PO_DISTRIBUTION_ID: 3-way/2-way match status.
14. PRICE_CORRECT_INV_ID / PRICE_CORRECT_QTY / PRICE_ADJUSTMENT_FLAG: Tracks corrections.
15. QUANTITY_INVOICED / UNIT_PRICE / QUANTITY_VARIANCE: Validation of what was invoiced vs. expected.
16. OLD_DISTRIBUTION_ID / CORRECTED_INVOICE_DIST_ID: Historical linkage and reversals.

Multi-Reporting Currency (MRC) & Tax Info

17. MRC_* fields: Complete set of MRC tracking (amounts, rates, journal batches, etc.).
18. VAT_CODE / TAX_CODE_ID / TAXABLE_AMOUNT / RECOVERY_RATE_*: Tax recovery tracking.
19. AWT_* fields: Automatic Withholding Tax support.
20. AMOUNT_VARIANCE / TAX_RECOVERY_OVERRIDE_FLAG: Tax reconciliation support.

Encumbrance & Receipt Verification

21. ENCUMBERED_FLAG / AMOUNT_ENCUMBERED: Funds reservation.
22. RECEIPT_REQUIRED_FLAG / RECEIPT_VERIFIED_FLAG / RECEIPT_MISSING_FLAG: Goods received checks.
23. RCV_TRANSACTION_ID / RCV_CHARGE_ADDITION_FLAG: Receipt alignment.
24. EXPENSE_GROUP / DAILY_AMOUNT / JUSTIFICATION: Categorized expense control.

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Custom, Web, and Misc Fields

25. ATTRIBUTE1'ATTRIBUTE15 / ATTRIBUTE_CATEGORY: Org-specific fields.
26. GLOBAL_ATTRIBUTE1'GLOBAL_ATTRIBUTE20: Extended metadata fields.
27. WEB_PARAMETER_ID / PROGRAM_ID / REQUEST_ID: Technical and UI integration.
28. AWARD_ID / BC_EVENT_ID: Ties to grants and business events.

Flags, Hierarchies, and Special Features

29. CANCELLATION_FLAG / CANCELLED_FLAG / REVERSAL_FLAG: Track invoice reversals.
30. LINE_GROUP_NUMBER / ROOT_DISTRIBUTION_ID / RELATED_ID: Line hierarchy.
31. FINAL_RELEASE_ROUNDING / ROUNDING_AMT: Rounding adjustments.
32. FULLY_PAID_ACCTD_FLAG: Payment completeness.

Inferred Relationships & Business Logic

- Strong relationships with AP_INVOICES_ALL via INVOICE_ID.
- Related to PO distributions, receipts, and project modules via TASK_ID, PROJECT_ID, RCV_TRANSACTION_ID.
- Tax integration supports VAT and withholding scenarios.
- Global extensibility and MRC features make it critical for global implementations.
- Merges AP and FA module functionality in complex invoice lifecycle scenarios.

Business Use Summary

The AP.AP_INVOICE_DISTRIBUTIONS_ALL table is a pivotal record keeper in the Oracle ERP AP module. It ensures every invoice line is correctly categorized, posted, and matched to business rules. Through tax tracking, asset/project links, and currency handling, it provides deep support for global, multi-entity financial operations.