ASCOE Programs -- Certificate of Error

Domain prefix **ASCOE** (Assessor's Certificate of Error). These programs generate workfiles and reports related to Certificates of Error (COE), which are formal corrections to property assessment records.

ASCOE500

Attribute	Detail
Program ID	ASCOE500
Author	R. Cruz / J. Shalvis
Purpose	Creates the Assessor's Certificate of Error Report Workfile by reading property/assessment/COE segments from the IMS Property Information Database (PIFDBP10).
Database Access	IMS/DL/I -- navigates Root, Assessment, COE (ASAIS135SG/ASAIS140SG), and Homeowner segments using CBLTDLI calls (GU, GN, GNP).

Inputs

Logical Name	DD Name	Description
CONTROL-CARD	UT-S-CONTCARD	Control card with tax year parameters
IMS Database	PIFDBP10	Property Information Database (Root, Assessment, COE, Homeowner segments)

Outputs

Logical Name	DD Name	Description
ASCOEWRK	UT-S-ASCOEWRK	COE Report Workfile

Copybooks

ASCOEWRKF1, IMSCALLS, PIROOTSEGM, PIASSESSMT, ASAIS135SG, ASAIS140SG, PIHOMEOWNR, ASAISSSA09, PIALLS2SSA, IOPCBDESC, PIPCB1DESC

Key Business Logic

- Reads a control card to obtain the tax year range.
- Traverses the IMS database hierarchically: Root segment -> Assessment segment -> COE segment -> COE Data segment.
- For each qualifying COE record, builds an output workfile record combining property identification, assessment data, and COE correction data.

- Also retrieves Homeowner segment data when present.

ASCOE515

Attribute	Detail
Program ID	ASCOE515
Author	Not specified
Purpose	Creates the COE Print Report Workfile using linkage section parameters. Applies up to 22 filter/selection parameters to COE workfile records to produce a filtered print-ready report.
Lines	~1453 (largest program in this domain)

Inputs

Logical Name	DD Name	Description
PARM-CARDS	UT-S-PARMCRD	Parameter cards with 22 filter criteria
ASCOEWRK	UT-S-ASCOEWRK	COE Report Workfile (from ASCOE500)
CONTRL-CARDS	UT-S-CARDSIN	Additional control cards

Outputs

Logical Name	DD Name	Description
PRINT-FILE	UT-S-PRINT	Formatted print report
ASCOEPRW	UT-S-ASCOEPRW	COE Print Report Workfile

Copybooks

ASCOEWRKF1, PRINTFILE, ASCOEPRWF1

Key Business Logic

- Reads the COE workfile produced by ASCOE500.
- Parses 22 filter parameters from PARM-CARDS (e.g., township, tax year range, PIN range, class, reason codes).
- Applies parameter-based selection logic to include or exclude records.
- Produces both a formatted print report and a filtered workfile for downstream consumption (e.g., by ASHMA855 for base year value calculations).

Domain Notes

- **Pipeline position**: ASCOE500 runs first to extract COE data from IMS. ASCOE515 runs second to filter and format the data. The output of ASCOE515 (ASCOEPRW) is consumed by ASHMA855 for Senior

Freeze base year value calculations related to COE records.

- **Unclear items**: None. Both programs have clear REMARKS sections and well-defined I/O.