

# ATPCO Sales Data Exchange System Specification and Implementation Guide

Summary of Changes

January 2012

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### Additions

- (1) Section 7.13, Record 15 – EMD Coupon Detail Record added
- (2) Section 7.14, Record 16 – EMD Service and Baggage Record added
- (3) Section 7.15, Record 17 – EMD Service Description Record added
- (4) Section 7.16, Record 18 – EMD Remarks Record added
- (5) Section 7.24, Record 83 – Coupon Tax, Fee, Charge Information Record added
- (6) Section 7.25, Record 85 – Coupon Schedules Information Record added
- (7) The following elements have been added to Section 10 – Glossary: ADTG, AGRE, AGRI, BERA, CAII, EMAG, EMBS, EMCO, EMCP, EMCV, EMDS, EMEN, EMFF, EMFT, EMIC, EMIN, EMOC, EMRC, EMRF, EMRM, EMRT, EMRX, EMSC, EMSG, EMSN, FCDB, FCFB, FCNU, FCSB, FCSN, FCTC, FVDT, FVFT, FVIN, HFBC, NPRC, OPMI, PLAT, PRST, PVDR, RISD, RMKS, SCAD, SCAO, SCDO, SCDS, SCEQ, SCFD, SCFR, SCLS, SCPC, SCST, SRVC, SURC, TXCD, TXOC, TXRR, TXRS, TXSC, TXSR, TXTA, UATI, UATS, UATT, XBNE, XBOA, XBRU

### Changes

- (8) Section 7.9, Record 6 – NFP Proration Record (Optional) has been updated
- (9) Section 7.21, Record 80 – Fare Break Information Record (Optional) has been updated
- (10) Section 7.22, Record 81 – Coupon Related Information Record (Optional) has been updated
- (11) Section 7.23, Record 82 – Priceable Unit/Ticket Related Information Record (Optional) has been updated
- (12) Section 7.26, Record 97 – NFP ISC and Handling Fee Record (Optional) has been updated
- (13) The following elements have been updated in Section 10 – Glossary: COUN, CUTP, FCAM, FCCA, FCDF, FCEX, FCID, FCOI, FCOL, FCOA, FCPM, FCPU, FCRA, FCSA, FCSC, FCTA, FCUD, FCUP, FCUT, FCWA, IBSC, OFTN, PROT

### Deletions

- (14) The following elements have been deleted from Section 10 – Glossary: FCDA, FCDL, FCDM, FCJA, FCJL, FCJS

## Codeshare Processing

ATPCO's Sales Data Exchange (SDE) codeshare process previously used carrier-supplied codeshare ranges to generate our transactions. Based on requests from participants, ATPCO enhanced this process to create codeshare transactions from OAG Schedules Data (World Data File [WDF]) each week. The same information used to create your OAG Schedules will be used to generate codeshare transactions for your interline partners, eliminating the need for you to instruct ATPCO directly of all codeshare ranges.

Participants will be able to provide exceptions to the OAG Schedules Data, including any overrides or off-cycle information, by manually submitting instructions to ATPCO. Detailed information on this process is included in the attached ATPCO Codeshare Procedure document.

ATPCO will also augment transactions based on the OAG Schedules Data or carrier override information with flight-specific information.

The new data elements in SDE Record 5 use existing filler fields, so you will not be affected if you are not yet ready to use this data. All other new data fields will be included in a new record, Record 85. This will allow you to implement these new data elements into your system when you are ready to do so.

### Example of the ATPCO Codeshare Service

ATPCO uses codeshare functionality to generate copies of sales data transactions for participants even if the data provider (for example, global distribution systems) did not address the transaction to the participant. Both the data provider and the marketing carrier drive this distribution and allow or disallow the generation of transaction copies.

Carrier XX enters a codeshare arrangement that marketed flight XX1234 is operated by ZZ5678. Carrier XX is a participant in the ATPCO SDE codeshare service and so is Carrier ZZ. Any sales data transaction that includes MCAR and MFTN of XX and 1234 is copied for ZZ as the operator. All sales transactions (both the XX and ZZ copies) are augmented with value-added schedules information at a coupon level. If either XX or ZZ does not participate in the Sales Data Exchange, then a copy cannot be generated. To offer the above service, ATPCO will perform the following steps:

### Database Load

The OAG Weekly WDF file is loaded every Sunday morning. This file represents the most current schedules information available at that time. This table will be replaced in its entirety with each load.

Marketing carriers can override the OAG information by supplying codeshare instructions to ATPCO. They can also choose to continue to allow the operating carriers to provide this override information.

### Matching Criteria

The incoming Sales Data Transaction is matched against data in ATPCO's Sales Data Exchange Schedules Data (an explanation of *population of data* is provided below). If a match is made based on Marketing Carrier, Marketing Flight Number, Geography (if applicable), and Day of Week (if applicable), a copy of that record is made for the operating carrier and the transaction is augmented to include the value-added schedules data that is available within the OAG data.

### Transaction Generation

A copy of the sales data transaction is made for the operating carrier.

- a) On the copied version to the codeshare partner, the ATPCO system populates the Operating Carrier (OCAR) and Operating Flight Number Fields (OFTN) on the transaction with the operating carrier's two-letter code and flight number. ATPCO overwrites the Operating Carrier

in all instances based on information filed in ATPCO Schedules Data, supplied either by OAG or carrier override data.

- b) On the original version, Operating Carrier (OCAR) and Operating Flight Number Fields (OFTN) on the SDE transaction are populated with the operating carrier's two-letter code and flight number. ATPCO overwrites the Operating Carrier in all instances based on the information filed in ATPCO Schedules Data.
- c) The ATPCO Codeshare Indicator (ATCS) field, Byte 373 on Record 1, contains one of the following values:

- Blank = Original ISR/TCN record that has not been shared by ATPCO.
- 1 = Original ISR/TCN record that has been shared.
- 2 = Copy of an ISR/TCN record that has been generated by ATPCO's codeshare process.

### **Record augmentation on existing records and data elements as well as new data elements**

In addition to generating records, ATPCO augments every sales data transaction processed with valuable schedules information that is not available in the current TCN or BSP/ARC files. Each coupon is compared to the OAG Schedules data to create the data elements. ATPCO Codeshare processing augments the Record 1 and Record 5 in existing data elements. Note: Record 1 will continue to show the ATCS ATPCO Codeshare Indicator for transactions that are shared as a part of the ATPCO Codeshare process.

### **Open Addressing**

Open Addressing opens the address envelope and includes all marketing airlines specified on any of the flight coupons within the Record 5 of the Industry Sales Record so that they will also get a copy of this sales transaction. Performing Open Addressing once at ATPCO eliminates the dependency on the carrier-supplied addressing envelope, allowing for distribution to all marketing carriers in the itinerary. Open Addressing expands coverage for all customers without requiring additional development effort from carriers who supply data.

The marketing carriers identified in the Open Addressing process are in addition to any airline or company that was supplied as part of the original sales transaction address envelope. Sales transactions will be generated only for carriers that participate in the ATPCO Sales Data Exchange process.

All standard Sales Data Exchange processes will be performed on transactions generated from Open Addressing, such as codeshare and private data masking.

The Open Addressing process will occur by default for all carrier-supplied sales, unless the supplying airline requests otherwise. With this implementation, airlines no longer have to complete the addressing envelope on the sales transaction unless they are addressing transactions to a company other than the marketing or operating carriers on the ticket (for example, credit card companies). ATPCO requests that carriers continue to send the credit card company on the address envelope.