

The Joint OBF/TCIF Process

- **Liaisons attend each others' meetings while issues are being discussed.**
- **OBF works an issue to closure and produces industry support interface specifications that include field identifiers, data elements, usage rules, etc.**
- **OBF then refers it to the EDI Committee.**
- **Questions may flow back and forth.**
- **EDI models the data, prepares a guideline.**
- **The guideline is balloted (i.e., voted on by TCIF member companies) and approved.**

Modification and Adaptation of Existing Business Processes

- **Work to support local competition in other areas has been accomplished by modifying existing processes.**
- **Much guideline work completed is stand alone and requires no other group's input before it can be used.**
- **Where other non-OBF groups are needed, those relationships exist and are being utilized to facilitate the needed updates.**



Summary of OBF Work

- **Pre-Ordering**
- **Ordering**
- **Provisioning**
- **Billing**

Summary of Work: Pre-Ordering

- **Under discussion since May, 1996.**
 - » **Work on ordering began first (deemed a higher priority).**
- **Several requirements under discussion, including Telephone Number (TN) Assignment, Due Date, Features, Address & Customer Service Record.**
- **Issues may begin to close by August, 1997.**
 - » **Dependent on progress in future meetings.**



Summary of Work: Ordering

First issue introduced May '95.

Resale

<u>Service</u>	<u>OBF Status</u>	<u>Date Closed</u>	<u>LSR Version</u>	<u>EDI Release</u>
Basic Exchange	Final Closure	10-24-96	1	7.0
ISDN	Final Closure	02-06-97	2	7.1
Private Lines	Final Closure	02-06-97	2	7.1
Frame Relay	Final Closure	02-06-97	2	7.1
Centrex	Initial Closure	05-06-97	Future	Future
PBX/DID	Open		Future	Future



Summary of Work: Ordering

Unbundled Network Elements

<u>Element</u>	<u>Status</u>	<u>Date Closed</u>	<u>LSR Version</u>	<u>EDI Release</u>
Simple Loop	Final Closure	10-24-96	1	7.0
Complex Loop	Final Closure	02-06-97	2	7.1
Other Loop Issues	Open			
Line Switch Ports	Final Closure	10-24-96	1	7.0
Loop & Line Switch Port	Final Closure	02-06-97	2	7.1
Trunk Switch Ports	Final Closure	02-06-97	2	7.1

Summary of Work: Ordering

- **First iteration of Directory Listings Guideline completed by OBF.**
 - » **Includes Straight Line Listings, Complex Listings, Captions, Directory Assistance.**
 - » **Included in LSR Version 2.**
 - » **EDI work not complete but targeted for Version 7.1.**
- **Interconnection Trunks completed and included in ASR Version 18, March, 1997.**
- **Number Portability (both Interim and Local) has been completed by the OBF and included in EDI Version 7.0 and 7.1, respectively.**



Summary of Work: Ordering Customer Account Record Exchange (CARE)

- **The Subscription Committee has established the basic foundation for an industry standard Primary Interexchange Carrier (PIC) order process involving local resale and ported telephone number activities.**
- **First local issue accepted by July 27, 1995.**
- **Local competition issues reflected in Issue 8 of the CARE document and all of its subsequent revisions.**

Summary of Work: Ordering CARE

Topics Covered Include:

- **Responsibilities to notify Interexchange Carriers of End User moves**
 - » **Switch Provider's role in migration between Local Service Providers (LSPs)**
 - » **Incumbent Local Exchange Carrier (ILEC) role in migration to another Facility-based provider**
 - » **Shell (skeletal) CARE record created for moves between LSPs**
- **Information exchanged on resold lines:**
 - » **Billing Name and Address requests**
 - » **Data gathering requests**
 - » **Inclusion in List Services**
 - » **Distinction between owned lines and resold lines**
 - » **Switch provider role in PIC change requests**

Summary of Work: Provisioning

<u>Item</u>	<u>Status</u>	<u>Date Closed</u>	<u>LSR Version</u>	<u>EDI Release</u>
Firm Order Confirmation	Final Closure	10-24-96	1	7.0
Delay Notice	Open			
Completion Notice	Open			
Error ID	Open			

Summary of Work: Billing End User

Issues involve the exchange of message and usage between ILECs, Competitive Local Exchange Carriers (CLECs) and IXC for the billing of end user customers.

First issue presented July, 1995.

Issues have been related to:

- **Industry numbering schemes and the accompanying exhaust of Revenue Accounting Office (RAO) codes;**
- **Local Number Portability (LNP); and**
- **Differentiation of messages (to/from CLECs vs. to/from ILECs).**

Summary of Work: Billing End User

Guidelines have been created for:

- **Shared NPA-NXXs,**
- **Increased field for Operating Company Number,**
- **LNP To/From Ported Number,**
- **Line level information exchange,**
- **RAO code exhaust,**
- **Rate center LNP message processing, and**
- **Return codes for resellers.**



Summary of Work: Billing End User



Current work and open issues include:

- **Geographic LNP,**
- **Message processing for resale,**
- **CLEC pack confirmation,**
- **LNP database queries, and**
- **Billing validation database and automated message accounting support for LNP.**



Summary of Work: Billing LEC to LEC

First Issues introduced May '95

<u>Item</u>	<u>OBF Status</u>	<u>Date Closed</u>	<u>CABS Version **</u>
Interconnection Meetpoint Billing	Final Closure	01-11-96	26
Local Usage	Final Closure	01-11-96	26
Interim Number Portability	Final Closure	08-29-96	28
Local Product and Service offerings	Final Closure	10-24-96	28
Local Features	Final Closure	08-29-96	28
Line-side Ports	Final Closure	08-29-96	28
Line-side Loops	Final Closure	05-09-96	26
Resale	Final Closure	08-29-96	28
Interconnection	Final Closure	05-09-96	26
Local Number Portability	Initial Closure	04-25-97	Unknown
Unbundled Network Elements	Open		Unknown
Local Switching	Open		Unknown

**Although mapped to CABS interface document, there were other alternatives discussed and minimum requirements identified. CABS Version 26 implementation dates were 9-96 to 12-96. Version 27 dates are 9-97 to 12-97.

In Conclusion

- **Industry guideline development is an evolutionary process.**
- **Significant work has been done in establishing a foundation for OSS guidelines.**
- **Committees have been and are continuing to work at an accelerated pace.**
- **We are aware of our responsibility to the industry to move quickly yet be thorough.**

For further information, see www.atis.org

Statement by David Swan Jr.
 OSS Forum, May 28-29, 1997

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Federal Communications Commission
 Office of Secretary

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Good afternoon. I'm going to address my comments to three areas related to the issue of OSS repair and maintenance. They are, the quality of access we are providing to our CLEC customers, the standards we have adopted to ensure that service provided is on par with what we provide to our end user and access services customers and finally the types of interfaces we have already deployed, to make sure that high quality and dependable OSS access repair and maintenance is a given.

First, BA is committed to providing equivalent access to our CLEC customers; that is, the same or nearly the same access that we provide to our current customers. Currently, our end user customers call a BA trouble administration call receipt center to report troubles. POTS customers are connected to a voice response unit for trouble analysis and call clearance direction, and to close out as many reports initially as possible. Our designed services customers call our centers that handle these services. Our access services customers may also call BA with their trouble reports, or use either of our two electronic means for trouble reporting and repair/maintenance administration - EB/OSI or ECG.

For our CLEC customers, BA will provide the same repair and maintenance capabilities. CLECs may call their trouble reports to our RCMCT, a dedicated regional center designed and staffed to support CLEC repair/maintenance administration. The CLECs may also choose to use one or both of our electronic means for trouble reporting, EB/OSI or ECG, for both designed services and POTS, which will be administered by the RCMCT. Both EB/OSI and ECG provide direct access to the operating support system that administers the particular service - LMOS for POTS and WFA for designed services. EB/OSI allows a CLEC to create, establish appointments, change, receive status and close out information automatically. ECG provides the same automatic capability, except it requires manual query by the CLEC for statusing. So, whether the CLEC calls or electronically sends a trouble report to BA, they will receive the same commitment on line.

Regarding standards, BA has designed a repair/maintenance process for our CLEC customers that is nearly identical to the process that is in place today for our own end user customers. There are no national "standards" for CLEC POTS and designed services trouble report processing. There is, however, a national standard for the electronic interface for access services customers trouble report administration - EB/OSI - which BA provides. BA, additionally, has developed an alternative electronic gateway capability - ECG, to also support this process - ECG is more cost effective, and requires only a dial up or direct dedicated connection.

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This leads to my final comment, the types of electronic interfaces that are currently deployed. As previously mentioned, the only national "standard" for interfaces in area is the T1M1 227/228 for electronic bonding for access services using Open System Interconnect (OSI)/CIMIP, which BA provides. In fact, BA was the first ILEC to connect an OSI application with both AT&T and MCI for trouble report administration for access services. BA has agreed to use the same EB/OSI application for repair/maintenance for AT&T for local service, and is ready to meet AT&T's requirements. AT&T has requested a mid-1997 availability. BA has offered this same capability to MCI and any other CLEC who is interested. In addition, BA has developed a 3270 screen emulation, dedicated or dial up, application - ECG - which offers much of the same functionality as EB/OSI, but at a much more reasonable cost. ECG has been enhanced to fully support CLECs for all local services.

Thank you very much for this opportunity to provide these comments regarding BA efforts to provide CLECs access to its repair and maintenance OSS functions.