



SBC-002-316-008

CLEC Cable Placement and Removal M&P Under CDOW Terms and Conditions

Abstract:

Presented in this document are the SBC-13STATE methods and procedures to implement CLEC Cable Placements.

Audience: The primary audience for this document is SBC Local Exchange Carrier personnel in the following disciplines, Switch Capacity Planner/Engineer, Transport Equipment Engineer (Hereafter listed as the TEE) which also includes the Facility Equipment Engineer (FEE) and Digital Transport Engineer (DTE), Space Planner, Frame Planner, Long Range Technical Planners, and Network Sales Support (NSS) organizations. This document is to be used internally within the Telco and have a limited distribution subject to the header/footer information.

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Issuing Dept: SBC Services, Network Planning & Engineering (Common Systems)

Business Unit: Network

Documents Coordinator: Nancy J. Hodo – 210-886-1866, Email: nh8984@sbc.com

Author(s):

Nancy J. Hodo – (210) 886-1866, E-Mail: nh8984@sbc.com (primary)

Other Contributors can be found in the Contacts Section.

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1. Copyright Page

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2. Reasons for Reissue

Issue 7, Section-All: Renumbered all Section Tabs to match APEX formats.

Issue 7, Section 3, Paragraph A: Table removed.

Issue 7, Section 3, Paragraph B: Table removed.

Issue 7, Section 3, Paragraph C: Table removed.

Issue 7, Section 3, Paragraph D: Table updated in its entirety.

Issue 7, Section 4, Paragraph B2: ILEC owned cable will be turned over to the ILEC for processing. CLEC owned cable will be handled by the CLEC.

Issue 7, Section 4, Paragraph B3: New Section on CLEC Cable designations.

Issue 7, Section 4, Paragraph C: Updated in its entirety.

Issue 7, Section 4C and 4D Revised

Issue 7, Section 6, Paragraph A: Deleted.

Issue 7, Section 6, Paragraph B&C relettered to A&B.

Issue 7, Section 4, Paragraph A.2: CLEC-CLEC Interconnect Cable Route covered.

Issue 7, Section 4, Paragraph B3: Added to include ILEC to CLEC Cable Ownership Transfers

Issue 7, Section 4, Paragraph B4: New Form use covered for Collocator Estimates

Issue 7, Appendix A: New Form for E-Mail to the CLEC.

Issue 7, Section 7; Reference Section updated in its entirety.

Issue 6, Section 2.1 Definition modified.

Issue 6, Section 2.2 Definitions modified and Virtual Collocation chart updated.

Issue 6; Section 2.4 Reference to 13 State Approved Vendors and chart revised.

Issue 6, Section 2.5 Functional Roles in Parallel Work redefined.

Issue 6; Section 3.2 Walk-Through Roles Expanded.

Issue 6, Section 3.3 MOP Preparation Guidelines expanded and decommissioning activities added.

Issue 6, Section 3.4 Chart Revised to Remove Timing Cable reference.

Issue 6. Section 4.0 Decommissioning Activities added.

- Issue 6, Section 5.1 Added to Define De-provisioning during decommissioning activities.
- Issue 5, Section 3.2: Cluster Vendor Preparation Work functions.
- Issue 5, Section 3.1: Cluster Vendor added to Walk-Through Meeting participants
- Issue 5, Section 3.1: Cable Rack Drawings are not available for the CLEC or required.
- Issue 5, Section 2.3: Added clarification on Fiber Strand maximum for augments.
- Issue 5, Section 3.3: Red Box added indicating that CLECs are not authorized to restencil connecting blocks/panels.
- Issue 5, Section 6: References updated in its entirety.
- Issue 5, Section 7: Contact List updated.
- Issue 4.1, Section 2.6: Clarified ILEC responsibility to update SBC OSS systems such as TIRKS & SWITCH.
- Issue 4.1, Section 6.0: Reference Section Updated.
- Issue 4.0, Section 2.1: Physical Collocation provided with new **SBC-13STATE** Intervals
- Issue 4.0, Section 2.2: Virtual Collocation provided with new **SBC-13STATE** intervals.
- Issue 4.0, Section 2.3: Interconnection Cabling Augments provided with new **SBC-13STATE** intervals.
- Issue 4.0, Section 2.4: Functional Responsibilities updated from the original Section 2.
- Issue 4.0, Section 2.5: Parallel Work for ILEC and CLEC.
- Issue 4.0, Section 2.6: ILEC & CLEC Responsibilities.
- Issue 4.0, Section 2.7: Cluster Vendor Section added.
- Issue 4.0, Section 3.1: Quote Intervals are covered.
- Issue 4.0, Section 3.2: Cluster Vendor Functions added.
- Issue 4.0, Section 3.3: Highlight Box on Intervals removed.
- Issue 4.0, Section 5.0: converted to 5.1 with 5.2 added.
- Issue 4.0, Section 5.1: Cluster Vendor assignment responsibilities added.
- Issue 4.0, Section 5.2: Unbreakable Assignments and Penalties including table added.
- Issue 4.0, Section 7.0: Contact List has been updated.

Issue 3.2, Section 3.2: At Walk-Through Meeting, Assignments and Reservations shared with CLEC.

Issue 3.2, Section 3.4: Added references to DS3 cabling.

Issue 3.2, Section 5.0: Fuse Assignment responsibility/reservation clarified.

Issue 3.0, Section 2.0: Added cable testing being continuity IAW TP 76900MP for the CLEC/ILEC, all other testing thru CLEC equipment is immediately billable.

Issue 3.0, Section 5.0: Power termination and CIPP placements updated.

Issue 3.0, Section 5.0: CIPP Approved Products highlighted.

3. Introduction

The primary audience for this document is SBC Local Exchange Carrier personnel in the following disciplines: Switch Capacity Planner/Engineer, Transport Equipment Engineer (TEE) (which also includes the Facility Equipment Engineer (FEE) and the Digital Transport Engineer (DTE), Space Planner, Frame Planner, Long Range Technical Planners, and NSS organizations. This document is to be used internally and have a limited distribution subject to the header/footer information. This M&P may be found on the Internal Web Site: visit the internal SBC Local Exchange Carrier Web site: <http://ebiz.sbc.com/commonsystems> or <http://apex.sbc.com>.

This M&P should be used as a tool for assigning responsibilities within SBC Network Engineering in conjunction with CLEC placement of cable. Prior to writing job to be worked in parallel with the CLEC's cable placing job, the TEE should coordinate with NSS/CPM/CSC (who shall coordinate with Industry Markets and SBC legal) to gain the most current applicable rules by State Utility Commissions, Memos of Understanding from SBC Negotiators, and Arbitration Awards. **This M&P is a living document, which requires users of this document to verify all current requirements by state CDOW tariffs, ICAs, and any other applicable CDOW agreements with NSS/CPM and the CLEC's SBC account representative prior to starting any work.**

This offering will be an elective offering to the CLEC who will specify their request to perform this function on their Collocation Application. It must be noted that although SBC has made this offering available, no State Regulatory Agency other than Ameritech has adopted CLEC-cabling as an option, as of issuance of this document. Section 6.0, Applicability, and Section 3D, Functional responsibilities, cover this in more detail.

3A. Physical Collocation

The Physical Collocation delivery interval (New Job) for Caged or Cageless Physical Collocation is determined by **SBC-13STATE** Policy taking into consideration the various factors such as: the amount of Physical Collocation Applications submitted by Collocator, the type of Dedicated Space available for collocation, and the need for additional preparation of the space such as overhead racking and ironwork necessary for this application, as well as, any additional power or HVAC. **The delivery interval assigned will be provided to the Collocator by SBC-13STATE within the state specific and ICA controlled interval period.** CPM/CCM will have current construction intervals, and will be responsible for disseminating all time interval/scheduling information to CRE and Network Engineering. Each complete and accurate Physical Collocation Application received by **SBC-13STATE** from the Collocator will be processed in the order received, or in the order indicated on the CLEC provided priority list, whichever is applicable.

The Caged and Cageless collocation delivery interval ends when the CLEC's assigned space has been distinctly marked and space has been turned over by **SBC-13STATE**. Actual Point of Termination (APOT) information will be provided to the Collocator after space turnover, unless state or ICA requirements dictate an earlier release of APOT information. Local NSS shall control this delivery of APOT information to the CLEC. It is imperative that all Collocation Requests be received by NSS no later than one calendar day from receipt by the CSC of the Collocation Application from the Collocator. All SBC personnel **MUST CONTACT the CPM** for

specific intervals for individual CLEC, since these CDOW intervals vary from ICA to ICA or by State PUC rules or tariffs.

3B. Virtual Collocation

The Virtual Collocation delivery Interval (New Job) for Virtual Collocation is determined by **SBC-13STATE** policy which takes into consideration the various factors such as: the amount of Virtual Collocation Applications submitted by the Collocator, and the need for additional preparation of the space such as overhead racking, ironwork, additional DC or AC power, and HVAC. The delivery interval assigned will be provided to the Collocator by **SBC-13STATE** within the state specific and NSS controlled interval period. CPM/CCM will have current construction intervals, and will be responsible for disseminating all time interval/scheduling information to SBC CRE and Network Engineering, and then provide these intervals to the CLEC. Each complete and accurate Virtual Collocation Application received by **SBC-13STATE** from the Collocator will be processed in the order received, or in the order requested by the Collocator on a priority list, whichever is applicable.

Should the Collocator submit twenty-one (21) or more applications within ten (10) calendar days, the construction interval will be increased by five (5) calendar days for every five (5) additional applications or fractions thereof. All Virtual Collocation Applications received by **SBC-13STATE** from a Collocator within a ten (10) calendar day period shall be treated as if submitted at the same time for purposes of administering the below staggered intervals. The Virtual Collocation delivery ends when the space is turned over to the CLEC. Actual Point of Termination (APOT) Connection(s) will be provided to the Collocator's **SBC-13STATE** Approved Vendor by **SBC-13STATE** at the agreed upon time, which is state and region specific. Local NSS shall control this delivery of APOT information. It is imperative that all Collocation Requests be received by NSS no later than one calendar day from receipt by CSC of the Collocation Application from the Collocator. All SBC personnel **MUST CONTACT the CPM** for specific intervals for individual CLEC, since these CDOW intervals vary from ICA to ICA or by State PUC rules or tariffs.

3C. Interconnection Cable Augments

For the following Interconnection Cabling Augments, the Collocator must submit a complete and accurate Physical or Virtual Collocation Application, but should contain only the following interconnection arrangements:

- DS1 connections
- DS3 connections
- Copper (shielded or non-shielded for DSO or DSL) cable pair connections
- Fiber pair connections
- DC Power Connections

All intervals and quantities concerning augments are determined by local CDOW tariffs, ICAs, and ICBs, as well as, **SBC-13STATE** which takes into consideration the various factors such as: the number of Physical and Virtual Collocation Applications for the above Augments available for collocation, and the need for additional time in order to prepare the infrastructure. The Augment delivery interval assigned will be provided to the Collocator by **SBC-13STATE** working with local CDOW tariffs, ICAs, and ICBs. Each complete and accurate Physical or Virtual Collocation Application received by **SBC-13STATE** from the Collocator will be processed

in the order received, or in the order requested by the Collocator on a priority list, whichever is applicable. All SBC personnel **MUST CONTACT CPM/CCM** for specific intervals for individual CLEC, since these CDOW intervals vary from ICA to ICA or by State PUC rules and tariffs.

3C.1. Non-Standard Collocation Request (NSCR) / Individual Case Basis (ICB)

In responding to an application request that requires a Non-Standard Collocation Request (NSCR) or an Individual Case Basis (ICB) request, **SBC-13STATE** shall advise the Collocator within the particular state CDOW tariff, ICA, or ICB interval, whether space for the Physical/Virtual Collocation requested is available. Once this first space availability request is processed by NSS/CCM, then the appropriate SBC Network Engineering/CRE personnel must analyze the NSCR/ICB request and provide a specific construction interval, based on the conditions at the central office, back to NSS/CPM within a justifiable interval. The quotation of the applicable nonrecurring and recurring rates, and the estimated construction interval, will then be provided to the Collocator by the CSC based upon the information gathered by NSS/CCM/CPM. **SBC-13STATE** will not select for the Collocator the type of Physical Collocation to be ordered unless space availability within the office dictates such a selection. The Collocator has a specific number of days from the receipt of the quotation to accept the quotation. This interval is based upon individual state CDOW tariffs, ICAs, and ICBs, and enforced by CSC. After the allotted number of days has expired without acceptance by the CLEC, a new application and application fee is required.

3D. Functional Responsibilities

The following functions will become the respective responsibilities of the following Companies when the **CLEC elects to employ an SBC-13 STATE approved vendor to place interconnection cabling for new CLEC equipment or to remove cabling as part of a total CLEC decommissioning/cancellation/discontinuance, CLEC power re-arrangement, or CLEC cable re-arrangement:**

THE FOLLOWING CHART CONTAINS REFERENCES TO ILEC ACTIVITIES DURING CLEC CABLE PLACEMENT ACTIVITIES.... THIS IS DUE TO CURRENT CDOW TARIFF RESTRICTIONS IN CERTAIN STATES ON THE CLEC'S PERFORMANCE OF CERTAIN ACTIVITIES. EACH CLEC'S APPLICATION FOR PLACEMENT OF CABLE SHALL BE QUESTIONED IN DETAIL BY THE LOCAL COLLOCATION TEAM IN ORDER TO DEFINE THE EXACT FUNCTIONS OF THE CLEC AND THE ILEC ON EACH PLACEMENT ACTIVITY. ACTIVITIES OTHER THAN CABLE PLACEMENT ARE SHOWN FOR CLARIFICATION OF FUNCTIONS WHEN CLEC DOES OWN WORK. ALL CLEC WORK TO BE PERFORMED BY SBC-13 STATE APPROVED VENDORS WITH NO EXCEPTIONS.

Function	CLEC	ILEC (SBC)
1. CLEC Equipment Installation in SBC assigned space.	Performs	N/A
2. Placing of Cable Rack and Lighting or other Infrastructure for Cageless Collocation	N/A	Performs
3 Placing of Relay Rack/Bay for Virtual Caged and Cageless Collocation	Performs	N/A
4. Walk-Through Meeting	Requirement-Performs	Performs
5. MOP Preparation & Meeting with ILEC (LFO) Personnel for Cabling & Terminations on SBC Frames, BDFBs, and Power Boards	Requirement-Performs	Perform by LFO
6. Validating Cable Path	Performs	Provides estimated run lengths
7. Copper Power or Switchboard and Fiber Cable Placement	Performs	N/A
8. Termination of Power Cable at BDFB Includes Completion of BDFB Load Worksheet	Performs	N/A
9. Placement of fuse at BDFB	Performs	Performed by LFO if LFO deems necessary
10. Placement of Power Cable at Power Source (Board)	Performs	N/A
11. Placement of fuse at Power Board.	N/A	Performs
12. Cable Hole Fire Stop using SBC approved methods for any cable holes opened during cable placement.	Performs	N/A
13. Place New Cable Holes or Sleeves through floors/ceilings. Must be coordinated with Corporate Real Estate, LFO, and Floor Space Planner.	N/A	Performs
14. Assignment, Placement, and Stenciling of ILEC Panels & Blocks on IDF or MDF.	N/A	Performs
15. Termination of cable on ILEC Panels & Blocks at SBC assigned locations on SBC Frames	Performs ONLY if this is permitted in the CLEC ICA or State Tariff	Performs
16. Stenciling/Labeling of Blocks & Panels	N/A	Performs
17. Continuity Testing from front side of Panel & Blocks to CLEC equipment through placed cable.	Performs	N/A
18. Running jumpers to Panels &	N/A	ILEC (SBC) Personnel

Blocks (including Cross-Connects) as necessary to install, maintain, or disconnect service.		
19. Validating that CLEC cable has been placed to the correct location on the IDF or MDF as indicated by the SBC/ILEC stenciling/labeling on blocks.	Performs	N/A
20. BITS Timing Cabling – Place BITS Timing Cable, Terminations, and Assignments	N/A	ILEC (SBC) Personnel or their authorized Cluster Vendor Only
21. Power Cable Removal	Performs	Performs if Cable is Abandoned by CLEC & a valid trigger exists *
22. BDFB Fuse Removal	Performs	Performs if Fuse is Abandoned by CLEC or LFO deems necessary *N/A
23. Power Board/Panel Fuse Removal	N/A	Performs *
24. Copper, Coaxial, and Fiber Cable Removals	Performs	Performs if Cable is Abandoned by CLEC & a valid trigger exists *
25. Removal of Blocks on IDFs or MDFs	N/A	Performs *
26. Removal of CLEC Owned Bays/Equipment	Performs	Performs if Bay/Eqpt has been abandoned & a valid trigger exists *
27. Removal of SBC Owned Bays/Equipment	N/A	Performs*

***Prior to performing any removals of CLEC or SBC collocation equipment for any CLEC, the SBC Legal Department must authorize work. TEE will receive actual instructions for removal from NSS/CPM along with written confirmation of disconnects of ALL CLEC customers within the removed cable/equipment. SBC shall remove/mine cable (all types), only if required due to cable rack/space exhaust, such as on cable racking close to Power Boards, MDF, IDF, BDFB locations.**

Cable Ownership:

- SBC ILEC provided cable is owned by ILEC--the designated demarc is the end of the cable handed to CLEC
- CLEC provided cable is owned by CLEC--the designated demarc is the ILEC owned demarc panel/block

3E. CLEC and ILEC Parallel Work

During the **SBC-13STATE** construction phase for both Physical and Virtual Collocation, if the Corporate Real Estate and Common Systems engineering design work is complete (which includes asbestos removal, HVAC installation, filtration, floor loading, floor preparation and overhead racking & ironwork placement) **SBC-13STATE** will notify the Collocator that their vendors or contractors will be allowed to do work in parallel with **SBC-13STATE** throughout the remaining construction interval. This parallel work will only be allowed once an Initial Walk Through and the Space Turn-Over/Acceptance Meeting has taken place. This work will allowed only if the CLEC has requested Parallel Work because of the CLEC critical completion dates.

Note: this parallel work by the CLEC can only be started after the Walk-Through Meeting, Job Start Agreement's signing by SBC LFO, and MOP signing by SBC LFO (if applicable). See sections on Walk-Through Meetings and MOPs in Section 4B for specific information. SBC reserves the right to deny or halt any CLEC parallel work if such CLEC work creates a safety hazard to the SBC vendor or delays the completion of work by the SBC vendor. CLEC work would include the placement of equipment bays and cable. SBC's vendor or Cluster Vendor for the central office will place or remove (where necessary) all infrastructure items.

Any parallel work done by the CLEC's SBC-13STATE approved vendor can be pulled for a SBC "in-progress" quality audit.

3F. CLEC's SBC-13 STATE Vendor Responsibilities

ALL CABLE AND ROUTING STANDARDS SPECIFIED IN SECTION 4A.1 SHALL BE ADHERED TO DURING ALL ENGINEERING AND INSTALLATION ACTIVITIES.

The CLEC and/or the CLEC's **SBC-13STATE** approved vendor is responsible for coordinating with either the SBC Account Manager or the CPM, when deviating from the agreed upon installation procedures/termination locations outlined in the Walk-Through Meeting or in the Space Turnover/Acceptance Meeting.

The TEE is responsible for processing and ensuring that all mechanized Operational Support Systems for administering the assignments are provisioned (i.e. TIRKS, SWITCH, etc.). All assignments will be shown as "reserved" or have a "working" status assigned in all SBC systems. These SBC equipment assignments (APOT) will be officially passed to the CLEC's **SBC-13 STATE** approved vendor by the CPM at the Space Turnover or Acceptance Meeting, or at another ICA specified time The CLEC's **SBC-13 STATE** approved vendor **shall not deviate** from this APOT information in the termination of CLEC equipment, unless written permission to do so is granted from the CPM after contacting the SBC TEE in writing.

The CLEC's **SBC-13STATE** approved vendor **shall** forward a copy of the detailed specification, along with any cable routing sketches, and all marked up CO drawings to the SBC TEE via an SBC MDR (Material Distribution Record) for posting into the permanent CO records. This delivery of material to the SBC TEE should be gone over with the CLEC and the CLEC's **SBC-13STATE** approved vendor at the Walk-Through Meeting.

The CLEC's SBC-13 STATE approved vendor will NOT store cable slack in excess of what is permitted in the SBC TP76300 on any cable rack.

3G. SBC Cluster Vendor

The Cluster Vendor that supports a particular SBC Central Office will be the SBC record keeper for all equipment panels and fuse assignments. The Cluster Vendor will be responsible for notifying the TEE in writing of the need for additions of Tie Pairs between frames and any additional terminations on COSMIC frames, based upon a physical review of current fills on existing tie pairs. The TEE will then forward a request for additional Tie Pair facilities to the SBC Frame Planner. The Frame Planner will provide the TEE the proper form in return, which would indicate the quantity, termination points, and type of tie pairs needed to provide relief, and also update all of the SBC mechanized frame support systems (such as FrameMate). The TEE will issue a TEO containing this information to the Cluster Vendor, who in turn will update all CO current drawings and will properly place the blocks on the frames. The Cluster Vendor will properly label all blocks and panels and will tag all assigned fuse positions with the ACNA or CLEC Name and the fuse size/type for each fuse appearance. Assignments are unbreakable unless the CLEC decommissions the service (see section 6A).

If the Cluster Vendor is employed by the CLEC to perform engineering and installation work, then the Cluster Vendor shall follow all Section 3F CLEC's SBC 13 STATE Vendor Responsibilities also.

4. Cabling Requirements

4A. SBC Cabling Standards & Routing

4A.1. Standards

The CLEC's SBC-13STATE approved vendor will be required to use fire-retardant cabling in the SBC Central Offices and adhere to all applicable operations & Network Planning & Engineering (NP&E) documentation as follows:

- TP 76200MP – *Network Equipment – Building Systems (NEBS)*
- TP 76300MP – *Installation Guide within the Central Office*
- TP 76400MP – *Detail Engineer Requirements for the Central Office*
- TP 76900MP – *Installation Testing Requirements for the Central Office*
- BSP 800-003-150MP, *Cable & Wire Installation and Removal Requirements for Cable Racks and Raceways*
- Interconnection Handbooks will reference these above listed documents for sources.

The SBC Cluster Vendor (CV) working with the Network Operations and the Transport Equipment Engineer will specify the route of ingress/egress for CLEC provided Cabling within a SBC Central Office. The CLEC and their SBC-13STATE Approved Vendor will be obligated to follow the instructions and route as specified during the Walk-Through Meeting. Cable routing information will be placed in the MOP by the CLEC's SBC-13STATE Approved Vendor and will be required to place cable in accordance with the MOP. SBC is not obligated or required to

provide the CLEC or their authorized SBC approved vendor a cable rack drawing for cable placement either during the Initial Walk Through Meetings or any additional meetings including the Space Turn Over/Acceptance Meeting. **This M&P establishes the requirement that all SBC-13STATE will provide the CLEC with an estimated run length, which, per the AIT process it is modeled after, is provided after the walk-through meeting.**

The use of an MDR as a means to distribute the CLEC's **SBC-13 STATE** approved vendor detailed specification to the ILEC for records posting and quality purposes will be included on the next scheduled update of the TP76300 and TP76400.

4A.2. CLEC to CLEC Cable Routing

4A.2.1 Any time a CLEC places additional equipment within their existing equipment, residing in a Physical Cageless Collocation Arrangement resulting in additional inter-bay cabling, an Augment request must be filed by the CLEC. In a Physical Cageless Collocation Arrangement, the CLEC may cable between one piece of contiguous¹ equipment to another in the same lineup in either of the two following methods:

1. The CLEC may elect to use the existing ILEC infrastructure Cable Racking and place their cable in existing rack if space is available or in proposed ILEC owned cable rack if space is not available. **SBC will not place cable racking dedicated to a specific CLEC. The CLEC will be billed for any cable placed on ILEC rack, either for CLEC ILEC connections or used to connect equipment shelves within the CLEC's footprint, on a per cable sheath basis.**
2. The CLEC may elect to install their own cable racking directly above their equipment bay and within the CLEC's assigned footprint, but below 7'6" in height. (Above this height, the ILEC racking will be placed only.) This CLEC racking will be placed in such a manner as not to interfere with existing or proposed ILEC lighting, fiber troughing, or egress/ingress in front or rear aisles, or present a safety hazard. **The CLEC's cable racking will be totally supported by the CLEC's bays and be totally contained within the CLEC's bay footprint.** This CLEC cable racking placement shall be discussed and approved by the ILEC TEE during the Walk-Through meeting. The CLEC's **SBC-13 STATE** approved vendor shall provide a detailed spec and drawings to the TEE upon completion the CLEC's job for posting into the CO permanent records (See Section 3F).

4A.2.2 Any time the CLEC places additional equipment within their existing equipment bays, residing in a Physical Caged Collocation Arrangement, any additional racking is the responsibility of the CLEC. **However, this proposed CLEC cable racking shall be placed below an 8-foot height from the floor, and be totally within the area bounded by the CLEC's cage walls. Such CLEC racking will NOT be supported by any ILEC ironwork (superstructure).**

4A.2.3 In a Virtual Collocation arrangement, the CLEC may cable between one piece of their contiguous equipment to another piece of equipment that they own in the same lineup using **existing** ILEC cable racking. The CLEC must file an application for additional occupancy per cable placed on the ILEC racking. **No "CLEC only" rack structure is permitted in a**

¹ Contiguous arrangements are equipment bays placed next to each other and having lineup contact within one lineup. This means that the bays are not separated by an aisle or pathway.

virtual arrangement. If additional cable racking is required, in the form of an extension of a certain type of racking into the Virtual Arrangement, then the CLEC's request will have a turn-over/ILEC completion date reflective of the non-availability of the ILEC infrastructure.

4B. Initial Walk-Through Meeting

The Walk-Through Meeting will establish the routes for all CLEC cable placements, the approximate location of CLEC's cable terminations, fuse placements, as well as transportation and proper storage of materials during cable placement activities.

For cable removal activities, the Walk-Through Meeting will establish restrictions on removal routes, as well as validate locations of blocks on the IDF/MDF, panels and CLEC circuits within existing ILEC owned DSX1, DSX3, DCS1, DCS3, and FOT bays, and BDFB or Power Board terminations of CLEC power cable. Fusing at BDFBs and Power Boards will be discussed and ownership of these duties decided based on state CDOW tariffs, ICAs, or ICBs rules/agreements. Prior to any Walk Through Meeting involving CLEC cable removals, the Collocation Services Account Manager must have in their possession a letter from the CLEC stating that all service on specific cable facilities to be removed has been disconnected. On Decommissioning/Discontinuance/Cancellation Jobs, SBC Legal must approve the "CLEC Exit Package" and approval to proceed given to the Collocation Services Account Manager/Industry Markets prior to conducting the cable removal Walk-Through Meeting. Once this approval to proceed is obtained; NSS will then provide the rest of the local SBC personnel with notification to proceed with the Walk-Through Meeting.

The Walk Through Meeting will take place **after** the CLEC acceptance of the proposed placement or removal work, however, the exact number of calendar days after acceptance is an interval dictated by state CDOW tariffs, ICAs, or a mutually agreed upon interval between the CLEC and the SBC CLEC Account Manager and NSS/CPM.

During the Walk Through Meeting, the CLEC/CLEC's **SBC-13STATE** Approved Vendor will be informed that any work done by the CLEC/CLEC's **SBC-13STATE** Approved Vendor is available to be pulled for quality by SBC personnel or SBC quality vendors. The CLEC/ CLEC's **SBC-13STATE** Approved Vendor must provide a CLEC Work Order number that will be given to the SBC quality personnel for inclusion in their routine quality audit job lists. This quality check will include compliance with the TP76300 and TP76400 and is the same quality check that is performed on SBC cable placement jobs. Also, at any point during the CLEC's Cable Placement job, any SBC personnel, the cluster vendor, or any ILEC vendor can request this quality audit. This in-progress quality check can also be done on SBC cable placement jobs. If quality defects are found during the job, then NSS should be notified by the SBC quality auditor, and NSS will notify the CLEC via email that the CLEC's **SBC-13STATE** Approved Vendor has 5 working days to correct quality defects, then notify NSS, who will call the SBC quality auditor for a re-check. If quality defects are not corrected, then these defects will be noted in writing at the Space Turnover Meeting and all defects must be corrected by the CLEC's **SBC-13STATE** approved vendor within 5 days after Space Turnover Meeting.

Continuity testing in accordance with TP 76900MP – *Installation Testing Requirements for the Central Office* is not offered with CLEC Cable Placement. Additional testing using continuity, streaking or high stress testing **through CLEC equipment** is also not provided for under cooperative testing or this practice. Special requests for ILEC vendor testing through CLEC equipment will be handled as a billable, independent activity regardless of the CLEC's in-progress installation job time frame.

4B.1. Walkthrough Meeting for new CLEC Cable Placements

This will be coordinated by the NSS Collocation Project Manager (CPM) and should include the following personnel from the ILEC and CLEC:

- Network Sales Support (Collocation Project Manager)
 - Transport Equipment Engineer (TEE) or designated Engineering Representative
 - SBC Cluster Vendor (CV)
 - Network Operations (Central Office Management/LFO)
 - CLEC Vendor (**SBC-13STATE** Approved).
 - Corporate Real Estate
 - Frame Planner for the central office (unless full documentation for frame terminations have been given to the TEE)
 - Space Planner for the central office (unless full documentation for frame terminations have been given to the TEE)
 - OSP Engineer and the OSP Planning Engineer (if appropriate)
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- The minimum requirements for termination location information to be given to the CLEC by SBC's NSS/CPM at the Walk-Through are the following: The TEE is responsible for providing frame (MDF or IDF) within 10 verticals and from Level A (Bottom) to the top of the frame of the final assignment by the SBC Frame Planner, and SBC personnel at the walk-through will determine the location of the BDFB where power cable will be terminated. DSX-1, DSX-3 and Fiber panel/termination locations will be determined within 25 cable feet of final bay locations. The confirmation of receipt of this termination information by the CLEC will be confirmed in writing to the CPM either through a handoff at the Walk-Through Meeting, or an email from the CLEC to the CPM following the Walk-Through Meeting.
 - The SBC Cluster Vendor for the Central Office will assign these panels, fuses, etc., in TAB/DB for all vendors working in the Central Office Facility that the Cluster Vendor supports in accordance with TP 76300MP and the Building Block Program. See Section 3G of this M & P for a detailed description of the duties of the SBC Cluster Vendor. All Blocks and Panels will be labeled in accordance with the Collocation Provisioning Guidelines (SBC-002-316-002, Issue 13 or later issues) with the appropriate CLLI or the CLEC Name and assignment information. *All fuse assignments and cables will be tagged with the **CLLI or the CLEC Name** and the **fuse type/size** to be used in each fuse location.* The above will be the responsibility of the ILEC's **SBC-13STATE** Approved Vendor if there has not been a SBC Cluster Vendor assigned to the central office.
 - The CLEC's **SBC-13STATE** Approved Vendor, TEE, SBC Cluster Vendor (if applicable), LFO and the Space Planner (if in attendance), will determine the most optimum and least

sensitive cable routes for placement of the all cables once the estimated cable termination locations are determined by SBC, and given verbally to the CLEC and/or the CLEC's **SBC-13STATE** Approved Vendor at the walk-through meeting. **The NSS/CPM gives estimated cable lengths** to the CLEC or the CLEC's **SBC-13STATE** Approved Vendor after the cable route is determined by the SBC TEE. The CLEC should be told by the CPM that the cable lengths are **estimated** cable lengths only, and that space on the cable racks will be available to **ALL** CLECs in parity on a "first come, first served" basis. SBC will not be responsible for any overages or underages of cable due to changes in the cable route during actual cable placement. If there are discrepancies, it is the responsibility of the CLEC to resolve these through the CPM and NSS. Any changes of termination requests by the CLEC will also void the agreed upon route and trigger another walk-through meeting. **No guarantees on cable routing shall be given to the CLEC at any time during the Walk-Through Meeting.**

- During the Walk Through Meeting, the ILEC's representatives will walk the cable path and the CLEC's **SBC-13STATE** Approved Vendor must take notes and measurements. After the walkthrough, the ILEC will always send the CLEC estimated run lengths on the attached Appendix A Form. See Section 4.B3 for more detailed information. This Appendix A form provides estimates of cable lengths that can be used by the CLEC-vendor to validate their own measurements.
- Additional tariffs or CDOW Terms and Conditions that require additional redacted central office information that will be used to define cable routes of bays for equipment termination will be attached to Apx 1 as required. **All information given to the CLEC will be marked as "estimated" and the CLEC must understand that any routes and terminations are not final until the Space Turn-over /Acceptance Meeting.**
- If existing cable racking pile up exceeds 80%, necessitating a cable rack growth TEO issuance, then the TEE will issue a separate job for infrastructure relief which will be coordinated with the CLEC's cable placement job through the CLEC's **SBC-13STATE** Approved Vendor. This cable rack exhaust will generally be noted before the Walk-Through Meeting and the TEE will issue the cable rack relief job prior to the Walk Through Meeting. CLEC Cable placement through cable holes should be noted on the walk-through, and any additional cable holes or sleeves required for the placement of CLEC should be discussed with CRE. This cable hole/sleeve placement work shall be treated as parallel work.
- The physical placement of fuses at the BDFBs and Power Boards will be discussed and ownership of these duties decided based on state CDOW tariffs, ICAs, or ICBs rules/agreements with guidance by CPM/NSS. This shall include the plan for the actual physical hand-off of the fuses by NSS on behalf of the TEE or the TEE's vendor or Cluster Vendor, to the CLEC or the CLEC's representative. An MDR may be utilized for this purpose at the time the physical hand-off takes places, which may or may not be at the Walk-Through Meeting or the MOP Meeting

4B.2. Walkthrough Meeting for CLEC Cable Removals

This meeting will be coordinated by the NSS Collocation Project Manager (CPM) and should include the following personnel from the ILEC and CLEC:

- Network Sales Support (Collocation Project Manager)
 - Transport Equipment Engineer (TEE) or designated Engineering Representative
 - SBC Cluster Vendor (CV)
 - Network Operations (Central Office Management/LFO)
 - CLEC Vendor (ILEC **SBC-13STATE** certified and approved).
 - Frame Planner for the central office (unless full documentation for frame terminations have been given to the TEE)
 - Space Planner for the central office (unless full documentation for frame terminations have been given to the TEE)
 - OSP Engineer and the OSP Planning Engineer (if appropriate)
 - **This Meeting will take place only after approval by SBC and the CLEC's Account Representative to ensure that the CLEC's request is legal and the meeting will not violate either the CLEC's or SBC's rights.**
-
- The CLEC **SBC-13STATE** Approved Vendor will adhere to all sections of the Network Facilities Cable Mining Guidelines and Requirements (BSP 800-003-200MP) utilizing the most current version of the BSP.
 - Access to cable racks for tracing of cable to be removed.
 - Removal of cable over areas in the Central Office that the LFO or the TEE deems sensitive will be not be performed.
 - The ILEC LFO reserves the right to schedule all cable removals during the maintenance window.
 - Discussion of the exact method of removing material from the central office: this will include the use of Gaylord type boxes (large cable scrap tubs), selection of box removal paths through the central office, storage of the removed material outside the central office at the end of each removal shift, and the mechanism of the pick up of the material from the central office. SBC's LFO reserves the right to limit the length of storage of removed material in the office. **SBC assumes no liability or financial responsibility for the removed material, and SBC personnel will not sign any document associated with the pick-up and removal of the CLEC's material from the central office.**
 - Cable owned by the ILEC remains the property of the ILEC even after the cable has been removed from the cable racks by the CLEC's **SBC-13 STATE** Approved Vendor. All ILEC

owned cable will be turned over to the ILEC via an MDR for handling and capital recovery. All such removed cable **shall** be cut up into lengths of less than 4 linear feet and placed within suitable boxes (such as a Gaylord type box) which can be removed by hand jack from the removal area without any danger of service interruptions. The storage of such removed cable in boxes **shall** be coordinated with both LFO and the TEE as to ensure adequate and safe storage areas during removal operations.

- CLEC owned cable will be scrapped by the CLEC and handled in accordance with applicable SBC practices associated with its removal. All such removed cable **shall** be cut up into lengths of less than 4 linear feet and placed within suitable boxes (such as a Gaylord type box) which can be removed by hand jack from the removal area without any danger of service interruptions. The storage of such removed cable in boxes **shall** be coordinated with both LFO and the TEE as to ensure adequate and safe storage areas during removal operations.
- If the CLEC opts to abandon cable in place, in lieu of mining cable, then such abandonment, as well as, the CLEC's giving up all future salvage rights to this cable, shall be provided in writing to the CLEC's SBC Account Manager, who shall in turn distribute to NSS/CPM and the TEE. All cable cut off and abandoned in place by the CLEC's **SBC-13 STATE** approved vendor **shall be tagged by this vendor as "Abandoned In Place" and the CLEC's ACNA stenciled on the cable tag.**
- **All fuses shall be properly identified on both ends, the fuse identified and pulled, prior to cutting any power cable serving CLEC power equipment.**

4B.3 Walk Through Estimation Form

Within 10 days after the Walk-Through Meeting, the NSS representative will E-Mail the CLEC the completed Estimation form illustrated in Appendix A of this M&P which will reflect a summary of the findings of the Walk-Through meeting. The box at the bottom of the form will allow other redacted documents to be attached to Appendix A, as required by CDOW Terms and Conditions in various SBC regions. These attachments to Appendix A will **ALWAYS** contain non binding language to the effect that all descriptions, termination points, and cable routes will be subject to change until the Space Turn Over/Acceptance Meeting when final APOT information is given to the CLEC.

This form may also be found as a stand-alone document on the SBC NP&E Common Systems Web Site: <http://ebiz.sbc.com/commonsystems>.

This Collocator Estimates – Initial Walkthrough Form is simply a summary recording of the Walk-Through Meeting findings. The following is general information about this form:

1. This form is not a legally binding document; **it is not for signature by any party.**
2. The form provides acknowledgement that a meeting was held with the applicable parties.

The form is an estimate only and shall not hold SBC or SBC's personnel liable for cable routes and distances that are estimated in error by either the ILEC or CLEC. The burden of creating actual cable measurement for cable cutting lengths is the responsibility of the CLEC's SBC-13 STATE Approved Vendor.

3. This document is not for disclosure to third parties without written consent of **SBC-13STATE** Legal.
4. All cable routes are approximate and the Walk-Through Checklist does not represent a guarantee of availability of cable rack space at the time of cable installation, nor is it a reservation of rack space.
5. Cable Rack space is on a first-come, first-served basis and provided to all CLECs on an equal and fair basis.
6. Cable routes will not be modified to accommodate different cable lengths.
7. If the CLEC orders cables that are too long, the excess cable shall be removed or stored in the CLEC's equipment assigned space, not in SBC Cable Racks.
8. Only Cable Holes noted on the form and in the Walkthrough Meeting can be used.
9. The CLEC must strictly adhere to all floor markings and not permit any bay, equipment of cabling that detail the placement of CLEC equipment in the SBC Central Office.
10. Blank spaces at the bottom of the form are reserved for specific state CDOW tariffs or ICA items not covered at the top of the form.

11. **SBC reserves the right to prohibit CLEC placement or removal of cable and/or equipment in space over or adjacent to SBC critical or secured equipment or cabling.**

12. The CPM/NSS will administer the gathering of data for the form the proper SBC personnel, as well as deliver the form to the CLEC.

4C. Space Turn Over/Acceptance Meeting, Methods of Procedure and Job Closure

4C.1. Space Turn Over/Acceptance Meeting

The TEE **will not attend** the space turn over meeting. The CPM will conduct the meeting with the CLEC or CLEC representative at the job site. Prior to this meeting, the CPM will verify that the TEE did have all assignment records loaded correctly. Any needed assignment changes/additions would be done prior to the Space Turn Over Meeting. The ILEC installation vendor within specific state CDOW tariff, ICA, or ICB intervals will correct any ILEC installation problems found during the Space Turn Over Meeting.

4C.2. Method of Procedure (MOP)

Any volatile Installation activity, any activity which LFO requests a MOP be prepared for, **AND ALL CLEC CABLE REMOVAL ACTIVITY** will be required to have a Method of Procedure (MOP) properly prepared by the CLEC's SBC-13STATE Approved Vendor, and authorized by SBC LFO. This MOP can be brought to the Space Turn Over/Acceptance Meeting or done as a separate activity. The CPM and NSS can be contacted to verify what specific Walk-Through details, such as cable routes, shall be included as an attachment to the MOP in order to adhere to all specific CDOW tariffs, ICAs, and ICBs. Follow TP 76300MP.

This agreed upon cable routing information would be attached to the MOP in the form of a cable rack drawing or racking sketch provided by the CLEC or the CLEC's SBC-13 STATE approved vendor if not included as specific verbiage on the MOP itself.

- The CLEC's SBC Account Representative **MUST** provide written verification to NSS and the CPM that all CLEC circuit assignments have been disconnected, even though all jumpers may not be removed off of the MDF/IDF blocks. **This is part of the "CLEC Exiting Process" which is a process developed by SBC personnel from Legal, NSS, Industry Relations, Network Engineering, Network Regulatory, Product Management, etc. that will detail the process by which CLEC equipment and cable is removed. The TEE should consult with NSS/CPM for a copy of this process.**

- Equipment/Cable Removal MOPs will be required to identify by tagging, the proper fuse to be removed at the ILEC Fuse point, and to have proper tagging on the power cable at the ILEC fuse and the CLEC connection point in the CLEC Collocation space. This will be the CLEC's **SBC-13STATE** vendor's responsibility. All Decommissioning work will be halted immediately and the CPM notified for failure to comply with this requirement.
- Additional copies of the MOP will be provided to SBC personnel, if requested, immediately after MOP signature or prior to the completion of the MOP meeting with additional copies being sent to the ILEC TEE for confirmation of adherence to Walk-Through conditions and items.

Placing and removal of fuses at the BDFB shall be done by the CLEC's **SBC-13STATE** Approved Vendor, with LFO providing supervision and assistance. However, the ILEC's LFO reserves the right to place or remove any fuse during the supervision and assistance phase of fuse placement or removal work by the CLEC's **SBC-13STATE** approved vendor. The MOP shall be verified during the MOP Meeting and before start of any fusing/defusing activity that the fuse assignments on the MOP match the stenciling on the fuse position on the BDFB or Power Board, as well as the cable tagging.

*****IMPORTANT***** CLECs and their vendors are not authorized or permitted to make changes or stencil termination blocks, panels and protector blocks provided and stenciled by the **SBC-13STATE** Approved Vendor for terminations of CLEC cabling. The CLEC is responsible for terminating their facilities in the format, arrangement and count sequence identified and provided by the **SBC-13STATE** Approved Vendor or SBC personnel.

4C.3 Completion Notice

The CLEC's **SBC-13STATE** approved vendor shall provide the ILEC's LFO with a Completion Notice and obtain approval for the completion of the job within 90 days after CLEC Construction Start date. This Completion Notice will be forwarded to the CPM who shall distribute to the CSC and the SBC quality auditor. **Completion Notices will be required for all jobs associated with CLEC placing AND removal work.**

4E. SBC Cable Type Standards

Cable used must meet Telcordia Generic Requirements for Interconnection Cabling as a minimum. SBC standards will replace the Telcordia standards as they are issued. The Telcordia Generic Standard documents are listed below:

CLEC Provided Interconnection cabling (13 STATE ICA)	Telcordia Generic Requirements
Fiber interconnection cabling	Telcordia document GR-409-CORE, Issue 1, dated May 01, 1994, titled " <i>Generic Requirements For Premises Fiber Cable</i> "
DS3 interconnection cabling	Telcordia document GR-139-CORE, Issue 1, December 1996, titled " <i>Generic Requirements for Central Office Coaxial Cable</i> " and SBC-002-316-019, <i>SBC – Indoor Coaxial Cable Standards</i> , Issue 1, dated Jan 2001 & SBC-002-316-017, <i>SBC – BNC Plug Connector Standards</i> , Issue 1, dated Jan 2001
DS1 interconnection cabling	Telcordia document GR-137-CORE, Issue 1, June 1994 titled, " <i>Generic Requirements for Central Office Cable</i> "
DS0 shielded and non-shielded interconnection cabling	Telcordia document GR-137-CORE, Issue 1, June 1994 titled, " <i>Generic Requirements for Central Office Cable</i> "
Power interconnection cabling	Telcordia documents: <ul style="list-style-type: none"> • GR-137-CORE, Issue 1, June 1994 titled, "<i>Generic Requirements for Central Office Cable</i>" • Bell Communications Research (Bellcore) TR-NWT-000347, Issue 1, December 1991, "<i>Generic Requirements for Central Office Power Wire</i>"
DS1 Synchronization Cabling (Not provided as an option, but the standard is shown)	Telcordia document GR-492-CORE, Issue 1, dated Aug 1994, <i>Generic Requirements for Metallic Telecommunications Wire</i>

5. Cable Testing Standards

All cabling, x-connects, terminal blocks and mounting locations shall follow already established procedures. This document addresses in detail various frame configurations found in Central Offices throughout SBC's territory. Per an SBC accessible letter (Nov 00), SBC will permit a CLEC's **SBC-13STATE** Approved Vendor" to perform acceptance/connectivity testing between the CLEC's equipment within their Collocation footprint and **SBC-13STATE**'s frame termination points (MDF, FDF and/or DSX frames) where the CLEC's interconnection cabling terminates. All Connectivity testing will be performed in adherence with TP76900MP. The following conditions apply:

1. Only **SBC-13STATE** Telco Approved Vendors" will have access to **SBC-13STATE**'s MDF, FDF and/or DSX frame terminations to perform this testing. **SBC-13STATE** Approved Vendors are those vendors that have been approved to perform transport work throughout the **SBC-13STATE**'s common spaces. Other approved vendors such as "Tier 2 Collocation Vendors" are not permitted to have access to **SBC-13STATE**'s frames to perform any testing.
2. The CLEC may direct their **SBC-13STATE** Telco Approved Vendor" to perform this connectivity testing both during the installation phase and/or anytime thereafter. However, the CLEC must adhere to SBC's Installation Guide (TP 76300MP) when scheduling this testing. The CLEC shall use a written Method of Procedure (MOP) document to detail how, when and where installation work (including acceptance/connectivity testing) is to be performed on cable placed or prior to removal in **SBC-13STATE**'s central offices. A MOP is required to minimize the possibility of a service interruption. TP76300MP, Section D, outlines the process and format for preparing a written MOP. TP76900 defines requirements for connectivity testing.

This policy does not permit the CLEC's or their **SBC-13STATE**'s Telco Approved Vendor to access the SBC frame to test the local loop or frame cross-connects. This policy only permits the CLEC to direct their **SBC-13STATE** Telco Approved Vendor to test connectivity between **SBC-13STATE**'s frame and the equipment within the Collocation footprint during or after installation.

3. Within 30 calendar days of the space turnover/job completion, when **SBC-13STATE** Approved Vendor has been responsible for the cable terminations onto any shelf or block, the CLEC may elect to contact the **SBC-13STATE** Collocation Project Manager to address any CLEC wiring problems discovered during the CLEC's connectivity testing verification. **SBC 13-STATE** Collocation Project Manager will investigate and respond to the CLEC within a time interval dictated by local CDOW tariffs, ICA's or ICBs.

CLEC vendor installation forces will be required to test their CLEC cabled services for suitability between the CLEC equipment and the termination point within the ILEC frame or bay. This same group is responsible for insuring that the cabling matches at the ILEC termination block point. Due diligence during the preparation of the Cable Running List with APOT information containing SBC's EIU, Switch Input, and Frame Assignments will eliminate any assignment conflicts. Verification of conflicts by NSS ILEC personnel or their authorized vendor is mandatory.

4. Testing for CLEC Decommissioning/Discontinuance/Cancellation shall involve testing ALL power cable with an Ammeter, as well as, validating cable tags if ends are cleared prior to cable mining.
5. Testing of circuits for CLEC Decommissioning/Discontinuance/Cancellation involving copper, coaxial, or fiber cable mining shall be waived by ILEC by receipt of a letter by SBC NSS from the CLEC stating that all terminations to be disconnected are no longer in service. Cable tags shall also be used when CLEC has removed equipment and these tags shall be placed on the cleared ends of cable being validated for removal.

6. Applicability

6A. Decommissioning/Cancellation/Discontinuance of Interconnection & Power Facilities

During equipment/cable removal activities, the TEE and/or the Cluster Vendor is responsible for the removal of any assignment from TAB/DB, SWITCH, TIRKS, etc., and assigning a "spare" status to applicable "spared up" facilities. SBC-002-316-015, *SBC Total Decommissioning M&P*, Issue 3, dated September 2001 details these decommissioning activities. These re-assignments will allow facilities to be available for use for any future facilities request.

6B. Unbreakable Assignments & Penalties

Assignments made by **SBC-13STATE** and/or their Authorized Cluster Vendor are unbreakable unless the CLEC decommissions the service. On a going-forward basis, the assigned Cluster Vendor for the SBC Central Office will maintain all records for blocks, panels and fuses. The assignments will not be reassigned and re-used unless released by the ordering customer/CLEC/ILEC or SBC Legal in the case of CLEC abandonment of facilities.

Assignments made to a CLEC will not be reused, even if the CLEC does not cable all of their facilities at time of occupancy. New CLEC facilities terminations that use previously assigned blocks/panels/fuses **will be required** to re-terminate all of their facilities to the correct, vacant assignments immediately upon discovery even if working service has been placed into this equipment.

In the event assignments have been made in error, and another company or vendor uses the assignments made to another existing (and previous) CLEC request, the following table will be used for determining the course of action to resolve the errors:

Situation	Resolution	Costs
One CLEC/vendor takes CLEC assignments from another CLEC space in their Collocation Assignment	CLEC provided assignments in their space would be the responsibility for the CLEC. Coordination will be between both parties. Example: Shared Cage Collocation, CLEC to CLEC Cabling.	The CLECs will resolve the issue between each other. No cost to SBC.
Existing Assignments are used by a new Vendor or company with error made by that new vendor/company	The New Vendor/company will be required to remove their terminations and correct their error. New intervals may apply to the new CLEC/vendor.	The new Vendor/company will pay all costs including Cluster Vendor research. No cost to SBC.
Existing Assignments are double assigned in error by the Cluster Vendor	The existing (original) assignments will take precedence with new assignments being made to the new Vendor/customer. Expedite effort must be pursued by the Cluster Vendor.	All costs for new Vendor/customer and Cluster Vendor actions and expedites will be paid by the Cluster Vendor. No cost to SBC.
Existing Assignments not made or placed by the Cluster Vendor	The Cluster Vendor will be responsible for making new assignments and compressing their interval to meet established CLEC intervals.	All costs to resolve assignments will be paid by the Cluster Vendor. No cost to SBC.
Existing Assignments not provided correctly from the CLEC on the Collocation Application to SBC.	The Cluster Vendor and SBC will process the order using a new timeline from the change notification date.	Additional costs will be paid by the CLEC. Date compression to match the other portions of the original application may not be applicable or supportable. CLEC will be responsible for increased costs and timelines.
Existing Assignments made by the CLEC to SBC are not forwarded to the Cluster Vendor.	The Cluster Vendor will process the assignments ASAP.	Expedited costs will be paid by SBC.

7. References

For further information or electronic copies of this document and related information, visit the internal SBC Local Exchange Carrier Web site: <http://ebiz.sbc.com/commonsystems> or <http://apex.sbc.com>

Document	Description	Issue & Date
SBC-002-316-001	UNE Deployment in the Central Office	Issue 2.1, Jan 2001
SBC-002-316-002	Collocation Provisioning Guidelines (CPG) M&P	Issue 13, Dec 2001
SBC-002-316-003	Frame Forecast M&P	Issue 8, Jul 2001
SBC-002-316-007	Special Interconnection Arrangement (SIA-BFR)	Issue 4.1, Jan 2001
SBC-002-316-008	CLEC Cable Placement & Removal M&P	Issue 7, Jan 2002
Appendix A, SBC-002-316-008	Collocator Estimates-Initial Walkthrough Spreadsheet	Issue 7, Jan 2002
SBC-002-316-015	Discontinuance of CLEC Equipment/Wiring M&P	Issue 3, Oct 2001
Appendix 1, SBC-002-316-015	Discontinuance Cost Worksheet	Issue 3.1, Nov 2001
SBC-002-316-023	Collocation Database NSS M&P	Issue 1, Mar 2001
SBC-002-316-041	DSX-1 Frame Deployment M&P	Issue 3, Dec 2001
SBC-002-316-042	DSX-3 Frame Deployment M&P	Issue 3, Dec 2001
SBC-002-316-043	FDX Frame Deployment M&P	Issue 3, Jan 2002
SBC-002-316-047	NP&E Finance Cost M&P	Issue 1, Jul 2001
SBC-002-316-053	Fiber Protection System M&P	Issue 2, Nov 2001
SBC-002-316-056	OSP Collocation M&P	Issue 3, Sep 2000
TP 76200MP	SBC-Network Equipment – Building Systems	Issued 2001
TP 76300MP	SBC-Installation Guide within the Central Office	Issued 2001
TP 76400MP	SBC-Detail Engineer Requirements for the C.O.	Issued 2001
TP76900MP	SBC-Installation Testing Requirements	Issued 2001
SBC-002-316-101	Wire Center Planning M&P, Space Planning for the C.O.	Issue 8, Jan 2002
SBC-002-316-102	CLEC Equipment Review M&P	Issue 1, Jun 2001
SBC-002-316-103	CLEC Equipment Review M&P Flow Chart	Issue 1, Jun 2001
BSP 800-003-100MP	Standards for Network Equipment Eng & Space Planning	Issue A, 1999
BSP 636-299-900MP	SBC – Fiber Distributing Frames	Issue B, 2002
BSP 790-100-652MP	SBC – Power Plant Planning	Issue A, 1999
BSP 790-100-654MP	SBC – DC Plants	Issue A, 1999
BSP 790-100-656MP	SBC – DC Distribution	Issue A, 1999
BSP 790-100-655MP	SBC - Batteries	Issue A, 1999
BSP 790-100-659MP	SBC – AC Plants	Issue A, 1999
BSP 800-000-100MP	SBC – Common Systems – Hardware Products	Issue A, 1998
BSP 800-000-101MP	SBC – Network Equipment Anchoring Requirements	Issue A, 1998
BSP 800-000-102MP	SBC – Central Office Equip. Framework Design Req.	Issue A, 1998
BSP 800-000-104MP	SBC – Bracing Requirements for Equip. on Raised Floor	Issue A, 1998
BSP 800-000-150MP	SBC – CO Cable & Wire Inst Req. Racks and Raceways	Issue A, 1998
BSP 800-003-100MP	SBC – Space Planning Stds for Network Equip. Environ.	Issue A, 1998
BSP 800-003-101MP	SBC – Thermal Management Requirements	Issue A, 2001
BSP 800-006-150MP	SBC – Common Systems Network Fac. Aux Frame & Bracing	Issue A, 1998
BSP 800-006-151MP	SBC – Network Facility Cable Rack Requirements	Issue A, 1998
BSP 800-006-152MP	SBC – Floor Stanchion Supported Cable Rack Req.	Issue A, 1998
BSP 800-068-150MP	SBC – Central Office Equip. Framework Support Req.	Issue A, 1998

BSP 800-003-200MP	SBC – Network Facilities Cable Mining	Issue A, 2000
BSP 802-001-180MP	SBC – Grounding and Bonding Requirements	Issue A, 1998

8. Contacts

Nancy Hodo, Area Manager-Enterprise Technology Support (Common Systems), SBC Services
(210) 886-1866, E-Mail: nh8984@sbc.com

Mike Mores, Area Manager-Enterprise Technology Support (Transport Staff), SBC Services Inc.
(815) 727-0500, E-Mail: mm3756@sbc.com

Steve Weinert, Associate Director-Enterprise Technology Support (Common Systems)
(214) 858-1355, E-Mail: sw0872@txmail.sbc.com

Mary Nolan, Manager Collocation Tech Support, Ameritech Services, Inc.
(262-523-8864) E-Mail: mary.k.nolan@msg.ameritech.com

Ernest Riojas, Area Manager-Enterprise Technology Support (Collocation Technical Support),
(214) 858-0816, E-Mail: er0873@sbc.com

Linda McCurley, Area Manager-Enterprise Technology Support (Collocation Technical Support)
(405-291-7282), E-Mail: lm8492@okmail.sbc.com

Tony Raucci, Area Manager-Enterprise Technology Support (Collocation Technical Support)
(203-553-2358), E-Mail: ar2878@ctmail.snet.com

Percy Kimbrough, Area Manager-NSEP Operations (Collocation **SBC-13STATE**)
210-222-3291, E-Mail: pk4760@txmail.sbc.com

Guy Franks, Director-Enterprise Technology Support (Common Systems), SBC Services Inc.
(925) 823-3717, grfrank@msg.pacbell.com.

Jeff Thomas, Senior Counsel, SBC Management Services Inc.
(214) 464-4490, E-Mail: jt1579@txmail.sbc.com.

Appendix A – Estimation Form

An original Excel Version of this document may be found on visit the internal SBC Local Exchange Carrier Web site: <http://ebiz.sbc.com/commonsystems>

 Collocator Estimates - Initial Walkthrough		
Collocator's Name		
Review Date		
Case #		
CLLI		
Date of Scheduled Occupancy		
	Initial Walkthrough Deliverables	Remarks
DSO estimated cable length		
DSX-1 estimated cable length		
DSX-3 estimated cable length		
OC/Fiber estimated cable length		
Approved Cable Holes		
Outside Plant Information	Describe	Footage
Measurement #1		
Measurement #2		
Regional Use Section		
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <input style="width: 20px; height: 15px; margin-bottom: 5px;" type="checkbox"/> Check Box for Attachments </div>		
Proprietary Information		
<p style="font-size: small;">This information is an estimate only and does not represent a waiver of the CLEC's responsibility to engineer their based on actual conditions. All cable routes are approximate and do not represent a guarantee of availability or of rack space. CLEC will adhere to SBC floor markings. Only use Cable Holes noted here. APOT provided at space</p>		