

FACILITIES SYSTEM  
USING THE AUTOMATED OFFICE EQUIPMENT  
SELECTION GUIDE FOR MESSAGE DESIGNS

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1. GENERAL

1.01 This appendix describes how to use the Automated Office Equipment Selection Guide when creating Message Designs in the Facilities System (FS).

1.02 (Reserved for future use.)

1.03 The Automated Office Equipment Selection Guide process provides an equipment usage plan for circuit design groups to use when preparing Message Designs. The Guide contains equipment and assemblies which have a choice of:

- Floors
- Distributing Frames
- Owners
- Select Codes

*Note:* The Guide is used *after* the circuit has been designed and *before* the design is entered into the FS.

1.04 The Automated Office Equipment Selection Guide is interrogated on-line in the FS using the Office Guide Interrogate (OGINT) transaction. This transaction may be used with either an International Business Machine (IBM) 3270 or *Dataspeed*<sup>®</sup> 40 terminal. All instructions and illustrations in this section refer to *Dataspeed* 40 terminals.

1.05 The Guide is maintained as two separate data bases (North and South) having the same boundaries as the equipment spare files.

1.06 Two factors to consider before using the Guide are:

(a) The Guide contains only selectable equipment and assemblies. Do not try to use the process for equipment that is a part of an assembly or that is hardwired to a facility.

(b) The Guide is for use with new circuits *only*. Equipment obtained from circuit rearrangements should not use the process as it is likely to cause new assignments and generate excess jumper work.

*Note:* All other situations require the use of the Guide before entering the design into the FS.

2. STEP 1 — IDENTIFYING BUILDINGS IN THE GUIDE

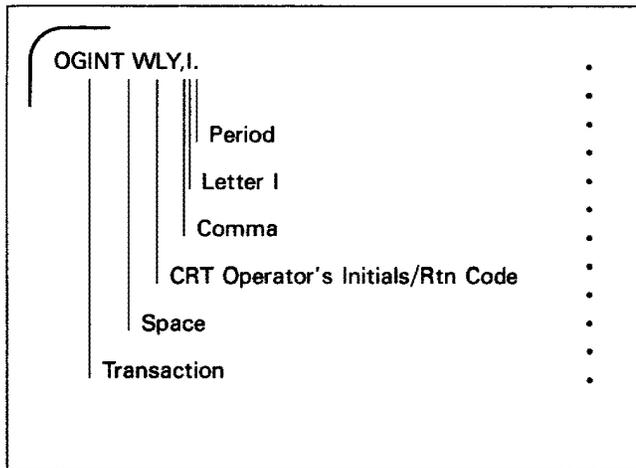
2.01 The first step in using the Guide is to determine if the buildings on the Message Design are in the Guide. This information is obtained from the Index format of the OGINT transaction.

2.02 Data entry for the OGINT Index format is shown in Fig. 1. The display returned by the computer is shown in Exhibits 1 and 1A with callouts describing the data fields.

NOTICE

Not for use or disclosure outside the  
Bell System except under written agreement

**SECTION 005-210-901PT  
APPENDIX 3**



**Data Entry for OGINT Index  
Fig. 1**

**2.03** Header errors may be encountered while using the OGINT Index transaction. They may be caused by:

- (a) Invalid transaction code — Indicated by the message “No Such Transaction Code” — Corrected by re-entering header line.
- (b) Format errors — Indicated with asterisks replacing the faulty entry — Corrected by re-entering data in correct format.
- (c) Invalid command — Indicated by the message “Response Not Recognized” — Corrected by re-entering “D” plus valid line number in Command field.

**2.04** If the buildings in the Message Design are not in the Index, clear the display and enter the design in the FS. If the buildings are in the Index proceed to Step 2 (see Part 2).

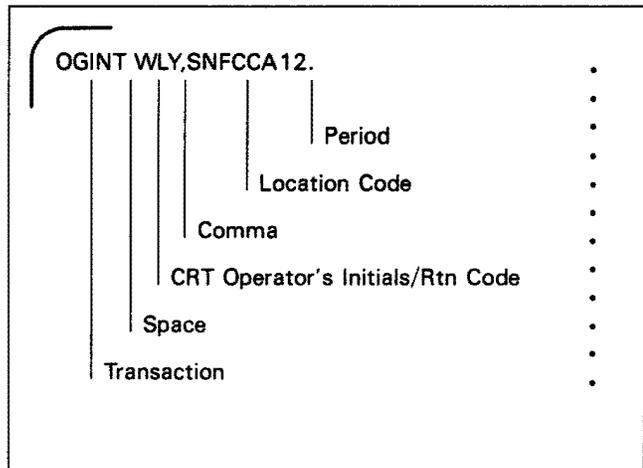
**3. STEP 2 — IDENTIFYING EQUIPMENT IN THE GUIDE**

**3.01** Step 2 determines if the equipment or assemblies in the Message Design are in the Guide. This information is obtained from the building format of the OGINT transaction.

**3.02** The OGINT building format may be obtained by two methods:

- (a) By typing “D” plus the line number of the desired building in the Command field of the Index format, as shown in Exhibit 2, and pressing the S/R key.
- (b) By typing the location code of the desired building in the header, as shown in Fig. 2 and pressing the S/R key.

*Note:* The display returned by the computer is the same for both methods and is shown, with callouts, in Exhibits 3 and 3A.

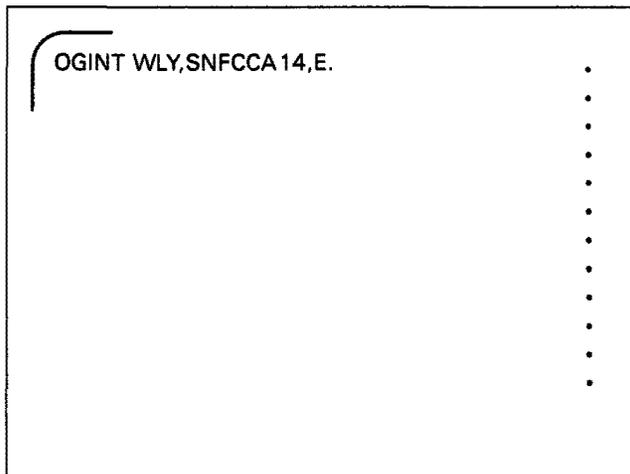


**Data Entry for OGINT Building Format —  
Method 2  
Fig. 2**

**3.03** The OGINT building format may contain many pages of equipment and assemblies for a large building. To avoid paging commands, a Guide may be interrogated starting with certain equipment. This is done by including hunt characters immediately following the location code.

*Example:* Hunt character “E” will produce a display beginning with equipment where the first character is an “E”. Hunt characters “ES” would further refine the process to begin with equipment starting with “ES”.

**3.04** Data entry for the OGINT building format including hunt characters is shown in Fig. 3. The display returned by the computer is shown in Exhibit 4.



**Data Entry for OGINT Building Format using Hunt Character**  
**Fig. 3**

**3.05** Header errors may be encountered while using the OGINT building transaction. They may be caused by:

- (a) Invalid transaction code — Indicated by the message “No Such Transaction Code” — Corrected by re-entering the header line.
- (b) Format errors — Indicated with asterisks replacing the faulty entry — Corrected by re-entering data in correct format.
- (c) Invalid location — Indicated by the message “Location Code Not Found” — Check the location code in the Index and re-enter.
- (d) Invalid command — Indicated by the message “Response Not Recognized” — Corrected by re-entering INDX in the Command field.

**3.06** If the equipment or assemblies in the Message Design are not in the Guide, clear the screen and enter the design into the FS. If the equipment or assemblies are in the Guide, proceed to Step 3 (see Part 4).

#### **4. STEP 3 — MATCHING SELECTION SITUATIONS**

**4.01** The purpose of Step 3 is to determine if the situation in the Message Design matches the selection situations in the Guide. When selection situations appear in combination *all* must match.

**4.02** Selection situations are obtained from the Message Design as follows:

(a) Facility Category is obtained from sequences having an Entry ID of “F”. Remember, this situation only applies to equipment or assemblies that will directly cross-connect to a facility.

(b) Circuit Type is obtained through analysis of the Trunk Group Identification (TGID) number. TGIDs starting with “T” or “U” are Circuit Type “C”. All others are Circuit Type “M”.

(c) Traffic Unit codes are contained in the last three characters of the A and Z location codes of the trunk group.

(d) Traffic Use Codes are obtained from the trunk group Circuit Identification Code.

**4.03** Selection situations obtained from the Message Design are compared with corresponding fields in the Guide to check for matches. A match occurs when a field in the Guide contains the same data or is blank.

**4.04** If there is no match of selection situations, clear the screen and enter the design into the FS. If there is a match, repeat Step 3 until all equipment and assemblies have been checked for matches and proceed to Step 4 (see Part 5).

#### **5. STEP 4 — APPLYING SELECTION PARAMETERS TO MESSAGE DESIGNS**

**5.01** There are four selection parameter fields in the Guide that may be used for Message Designs. Data obtained from these fields is placed on the design to influence equipment spares selection at a latter time.

**SECTION 005-210-901PT**  
**APPENDIX 3**

**5.02** The *Floor/Frame* field may contain either floor or distributing frame selection parameters. Floor data is all numeric while Frame data always has an alpha first character enabling the computer to distinguish between the two. Floor selection parameters are placed in the floor field of the Message Design as shown in Exhibit 5.

**5.03** The *Select Code* field contains data intended for the Select Code field of the Message Design as shown in Exhibit 5. On older Message Design documents this field is labeled "MG".

**5.04** The *Owner* field may contain an "L", "P", or be blank. If there is an "L", place this on the Message Design as in Exhibit 5. If the field is

blank or contains a "P", leave the Owner field of the Message Design blank.

**5.05** When all selection parameters specified in the Guide have been applied to the Message Design, enter the design into the FS.

**5.06** As stated before, selection parameters on the Message Design are used to control equipment selection. If selection problems occur because of these selection parameters check the Hunt Plan field. A "Y" in this field means a second choice selection may be made. In this case remove the offending parameter from the design or make a new design without it. If there is an "N" in the Hunt Plan field no second choice may be made and the problem should be referred to the contact number at the beginning of the Guide.

1  
OGINT WLY, I.  
COMMAND .....

4  
OFFICE SELECTION GUIDE INDEX

5  
PAGE 01 END

9  
7  
001 BKFDCA01  
002 BRLNCA01  
003 BTMTNV11  
004 CHVSCA12  
005 COLACA01  
006 EURKCA01  
007 FRSVCA01  
008 HMBACA12  
009 HYWRCA01  
010 HYWRCA02  
011 HYWRCA11  
012 LAHNCA11  
013 LSATCA11  
014 LSVGNV02  
015 MDSTCA02  
016 MLBRCA11  
017 MNPKCA11  
018 MOJVCA02  
019 MSBHCA11  
020 MTVWCA11  
021 OKLDCA03

8  
022 OKLDCA04  
023 OKLDCA12  
024 PCFCCA11  
025 PLALCA01  
026 PLALCA02  
027 PLALCA12  
028 PSCDCA11  
029 RCMDCA11  
030 RDCYCA01  
031 RDCYCA02  
032 RDNGCA02  
033 RENONV02  
034 SCRMCA01  
035 SCRMCA02  
036 SKTNCA01  
037 SLNSCA01  
038 SNRUCA02  
039 SNCRCA11  
040 SNFCCA01  
041 SNFCCA03  
042 SNFCCA04

043 SNFCCA05  
044 SNFCCA06  
045 SNFCCA17  
046 SNFCCA21  
047 SNJSCA02  
048 SNJSCA73  
049 SNJSCA74  
050 SNLOCA01  
051 SNMTCA11  
052 SNRSCA01  
053 SNTCCA01  
054 SNTCCA11  
055 SNVACA01  
056 SNVACA11  
057 TNPHNVYB  
058 VLLJCA01

OGINT Index Display  
Exhibit 1

**Callouts for Exhibit 1**

<b>CALLOUT</b>	<b>FIELD, ENTRY OR RECORD</b>	<b>DESCRIPTION</b>
①	OGINT	Facilities System Transaction used to interrogate the Guide.
②	Initials	CRT operator's initials.
③	I	Entry used to request an Index of buildings in the Guide.
④	Title	Office Selection Guide Index.
⑤	Page	Page number of display.
⑥	END (or MORE)	END indicates that this is the last page that may be displayed. MORE indicates additional pages may be displayed.
⑦	Unmarked	Machine generated line identification number.
⑧	Unmarked	Location Codes of buildings that are in the Guide.
⑨	COMMAND	Field used to order the Automated Office Equipment Selection Guide display for a specific building. User enters "D" plus line number of desired building.

**(Sheet 1 of 1)  
Exhibit 1A**

OGINT WLY, I.  
COMMAND D045.

OFFICE SELECTION GUIDE INDEX

PAGE 01 END

001 BKFDCA01	022 OKLDCA04	043 SNFCCA05
002 BRLNCA01	023 OKLDCA12	044 SNFCCA06
003 BTMTNV11	024 PCFCCA11	045 SNFCCA12
004 CHVSCA12	025 PLALCA01	046 SNFCCA17
005 COLACA01	026 PLALCA02	047 SNFCCA21
006 EURKCA01	027 PLALCA12	048 SNJSCA02
007 FRSNCA01	028 PSCDCA11	049 SNJSCA73
008 HMBACA12	029 RCMDCA11	050 SNJSCA74
009 HYWRCA01	030 RDCYCA01	051 SNLOCA01
010 HYWRCA02	031 RDCYCA02	052 SNMTCA11
011 HYWRCA11	032 RDNGCA02	053 SNRSCA01
012 LAHNCA11	033 RFWONV02	054 SNTCCA01
013 LSATCA11	034 SCRMC01	055 SNTCCA11
014 LSVGNV02	035 SCRMC02	056 SNVACA01
015 MDSTCA02	036 SKTNCA01	057 SNVACA11
016 MLBRCA11	037 SLNSCA01	058 TNPENVXB
017 MNPKCA11	038 SNBUCA02	059 VLLJCA01
018 MOJVCA02	039 SNCRCA11	
019 MSBHCA11	040 SNFCCA01	
020 MTVWCA11	041 SNFCCA03	
021 OKLDCA03	042 SNFCCA04	

Data Entry for OGINT Building Format — Method 1  
Exhibit 2

1	2	3	4	5	6	7								
OGINT WLY,SNFCCA12.				OFFICE EQUIPMENT SELECTION GUIDE	PAGE 01	MORE								
COMMAND.....														
8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
S	E	C	T	SVC	P	R	TRF	TRF	AL	FL	W	O	H	
L	EQUIPMENT	A	Y	SVC	CD	TRF	USE	EG	FP	SC	N	N	REMARKS	
	ASSEMBLY	T	P	CLS	MOD	E	JN							
23	A M	**CONTACT	24											415-542-5835.....
	F A	ER20000		P							0-		Y	
	C A	ERM0601		D						M1			Y	
	D A	ERM0601		M						I2			Y	
	E A	ERM0601		P						05			Y	
	F A	EZMC212		P							0-		Y	
	G A	MTM1F00		M						02			Y	
	H A	MTM1F00		P							0-		Y	
	I A	PDM2K00		P							0-		Y	
	J A	PDM2K00		P						02			Y	
	K A	SFM0300		N						01			Y	
	L A	SFM0300		W						05			Y	
	M A	SFM0400		N						01			Y	
	N A	SFM0400		W						05			Y	
	O A	SMCG410		P							0-		Y	
	P A	SMCG410		P						M1			Y	
	Q A	SMCG420		P							0-		Y	

OGINT Building Display  
Exhibit 3

Callouts for Exhibit 3

CALLOUT	FIELD, ENTRY OR RECORD	DESCRIPTION
1	OGINT	FS transaction used to interrogate the Guide.
2	Initials	CRT operator's initials.
3	Location Code	City, State and Building. Entries are described in Section 005-230-900PT.
4	Hunt Characters	One or two optional characters used to start display with particular equipment. When no hunt characters are entered, display will start with first item in Guide.
5	Title	Office Equipment Selection Guide.
6	PAGE	Page number of display.
7	END	Indicates this is the last page that may be displayed.
	or	
	MORE	Indicates there are more pages to be displayed.
		<i>Note:</i> If MORE and END both appear on same display it means this is the last page available in this transaction but that more data exists in the Guide. The additional data may be displayed by using Hunt Characters in a new transaction.
8	S E L	Selection (SEL) — Entries in this field mean:  A — Automatic — Computer will use Guide to Select equipment.  M — Manual — Design groups must use Guide and input parameters into selection process.  <i>Note:</i> Computer will not use the Guide until Phase II of Automated Office Equipment Selection Guide project is complete.
9	EQUIPMENT ASSEMBLY	Common Language codes of equipment or assemblies intended for special use. Entries are described in 795-200-000PT.

(Sheet 1 of 3)  
Exhibit 3A

**SECTION 005-210-901PT  
APPENDIX 3**

**Callouts for Exhibit 3**

<b>CALLOUT</b>	<b>FIELD, ENTRY OR RECORD</b>	<b>DESCRIPTION</b>
10	C A T	Facility Category (CAT) — Entries in this field mean equipment or assemblies are intended for use with facilities in certain categories. Field applies only when equipment or assembly directly cross-connects to the facility. Entries are described in Section 005-220-901PT.
11	T Y P	Circuit Type (TYP) — This field is used when equipment or assemblies are intended for certain circuit types.  <i>Example:</i> An “M” in this field means the equipment or assembly is for message circuits. Entries are described in Section 005-220-964PT.
12	SVC CLS	Service Class (SVC CLS) — Applies to Special Services circuits only.
13	SVC CD MOD	Service Code and Modifier (SVC CD MOD) — Applies to Special Services circuits only.
14	P R E	Prefix (PRE) — Applies to Special Services circuits only.
15	TRF UN	Traffic Unit (TRF UN) — This field is used when equipment or assemblies are intended for use with circuits terminating in certain Traffic Units.
16	TRF USE	Traffic Use Code (TRF USE) — This field is used when equipment or assemblies are intended for use with circuits having certain Traffic Use Codes.
17	AL BG	Alternate Building (AL BG) — Applies to Special Services circuits only.
18	FL FR	Floor/Frame (FL FR) — This is a dual use field indicating a particular Floor or Distributing Frame to use a selection parameter.
19	SC	Select Code (SC) — Indicates which (if any) Select Code to use as a selection parameter.

**(Sheet 2 of 3)  
Exhibit 3A**

Callouts for Exhibit 3

CALLOUT	FIELD, ENTRY OR RECORD	DESCRIPTION
20	O W N	Owner (OWN) — Indicates which owner to use as a selection parameter. A blank or a “P” indicates Pacific Company, “L” indicates Long Lines.
21	H P N	Hunt Plan (HPN) — A “Y” in this field means a second choice of assignments may be made when there are no spares available using the selection parameters in the Guide. An “N” in this field means no second choice is available and further instructions are in the REMARKS field.
22	REMARKS	This field is used for miscellaneous notes, remarks, instructions, etc.
23	Unmarked	Machine generated line identifier.
24	Unmarked	The first line of the first page of the Guide is used to indicate the individual in circuit equipment planning who is responsible for this building. <i>Do not use the Guide without this entry.</i>
25	COMMAND	This field is used to return to the OGINT Index display listing all buildings in the Guide.

(Sheet 3 of 3)  
Exhibit 3A

OGINT WLY,SNFCCA14.E.  
COMMAND .....

OFFICE EQUIPMENT SELECTION GUIDE

PAGE 01 END

S	E	L	A	C	T	SVC	CD	P	R	TRF	TRF	AL	FL	O	H	REMARKS
	EQUIPMENT	ASSEMBLY	A	Y	SVC	CD	MOD	P	R	UN	USE	BG	FR	W	P	
			T	P	CLS	MOD		E						N	N	
A	ERM0601									56J			M1		Y	
B	ERM0601									75A			I3		Y	
C	ERM0601			P									I2		Y	
D	ESM0333			M											L	Y
E	ESM0333			P											P	Y
F	SFM0300		N										04		Y	
G	SFM0300		W										05		Y	
H	SFM0400		N										04		Y	
I	SFM0400		W										05		Y	
J	4TM0320										IT			W2	Y	
K	4TM0320										TC			W1	Y	

OGINT Building Display with Hunt Character  
Exhibit 4

OGINT WLY,SNFCCA17.  
COMMAND .....

OFFICE EQUIPMENT SELECTION GUIDE

PAGE 01 END

S	EQUIPMENT	C	T	SVC	P	O	H					REMARKS		
L	ASSEMBLY	T	P	CLS	MOD	E	UN	USE	BG	FR	SC	N	N	
A	M	**CONTACT	.	.	.	.	.	.	.	.	.	.	.	415-542-5835
B	A	BR44KA0	.	.	.	.	.	.	.	.	Q-	.	Y	
C	A	DLC2110	.	.	.	.	.	.	.	.	01	.	Y	
D	A	DLC2110	.	.	.	.	.	.	.	.	02	.	Y	
E	A	ERM0601	.	.	.	.	.	.	.	.	I2	.	Y	
F	A	MTM1F00	.	.	.	.	.	.	.	.	Q-	.	Y	
G	A	SCE5100	.	.	.	.	46C	.	.	.	W1	.	Y	
H	A	SCE5100	.	.	.	.	822	.	.	.	W2	.	Y	
I	A	SC5E110	.	.	.	.	45C	.	.	.	W1	.	N	REFER TO EQUIP PLANNING
J	A	SC5E110	.	.	.	.	822	.	.	.	W2	.	N	REFER TO EQUIP PLANNING
K	A	SFM0F00	.	.	.	.	.	IT	.	.	01	.	Y	
L	A	SFM0F00	.	.	.	.	.	TC	.	.	03	.	Y	
M	A	SFM0300	.	N	.	.	.	.	.	.	I2	.	Y	
N	A	SFM0300	.	W	.	.	.	.	.	.	.	.	L	Y
O	A	SMCG410	.	.	.	.	.	.	.	.	Q-	.	Y	
P	A	SMCG420	.	.	.	.	.	.	.	.	Q-	.	Y	

TO USE EQUIP IN GUIDE FROM LINE	APPLY	TO DESIGN CREATE PROCESS AS SHOWN BELOW									
		Y	FLOOR	CL OFFICE NAME		SC	EQUIPMENT DESCRIPTION		A1	OBR	
				CL LOCATION A	CL LOCATION B		FACILITY DESCRIPTION	TYPE			GROUP
G	SC	W1		S,N,F,C,I,C,A,1,7,	W,1,		S,C,S,E,1,0,0,				
L	FL	03	0,3	S,N,F,C,I,C,A,1,7,			S,F,M,0,F,0,0,				
M	FR	I2	I,2	S,N,F,C,I,C,A,1,7,			S,F,M,0,3,0,0,				
N	OWN	L		S,N,F,C,I,C,A,1,7,			S,F,M,0,3,0,0,			L	

Applying Selection Parameters to Message Designs  
Exhibit 5