INPUTS

BSC 1	
	Erlang Demand
	BTS
	SMS %
	IWF Erlangs
	AHT(sec.)
	GOS %
	ECAUcap.(BHCA)
	ECIUcap.(BHCA)
	RMUcap.(BHCA)
	# of DISCO's

BSC 2	
	Erlang Demand
	BTS
	SMS %
	IWF Erlangs
	AHT(sec.)
	GOS %
	ECAUcap.(BHCA)
	ECIUcap.(BHCA)
	RMUcap.(BHCA)
	# of DISCO's

Cmcap.(BHCA)
ATM
BTS LOAD factor
ISSHO %
BSC MAX Erlang capacity

Calculations

AHT(hrs.)	
	Erlang Capacity @ 70% Eng. Factor
	SMS Erlangs
	Total Voice Erlang Capacity needed
	# of Selector Elements (Circuits)
	# of ESEL Shelves
	# of SEL Shelves
	# of SBS Racks
	Total ESEL selector elements Gained
	Total ESEL Voice Erlang Max Capacity
	Total SBS T1's
	Total PSTN T1's
	# of DTC's needed
	# of MCTM Frames
	BSC BHCA
	# of ECAU's Needed
	ECAU Capacity Gained (BHCA)
	ECAU MAX Capacity Gained (Elrangs)
	# of ECIU's Needed
	ECIU Capacity Gained (BHCA)
	ECIU MAX Capacity Gained (Elrangs)
	# of RMU's Needed
	RMU Capacity Gained (BHCA)
	RMU MAX Capacity Gained (Elrangs)
	# of CM's Needed
	CM Capacity Gained (BHCA)
	CM MAX Capacity Gained (Elrangs)

AHT(hrs.)	
	Erlang Capacity @ 70% Eng. Factor
	SMS Erlangs
	Total Voice Erlang Capacity needed
	# of Selector Elements (Circuits)
	# of ESEL Shelves
	# of SEL Shelves
	# of SBS Racks
	Total ESEL selector elements Gained
	Total ESEL Voice Erlang Max Capacity
	Total SBS T1's
	Total PSTN T1's
	BSC BHCA
	# of ECAU's Needed
	ECAU Capacity Gained (BHCA)
	ECAU MAX Capacity Gained (Elrangs)
	# of ECIU's Needed
	ECIU Capacity Gained (BHCA)
	ECIU MAX Capacity Gained (Elrangs)
	# of RMU's Needed
	RMU Capacity Gained (BHCA)
	RMU MAX Capacity Gained (Elrangs)

Results

ESEL (Voice) Erlang Capacity (max)	
ESEL Shelves	
SEL Shelves	
# of SBS Racks	
DTC's	
MCTM Frames	
ECAU's	
ECAUcap(max)	
ECIU's	
ECIUcap(max)	
RMU's	
RMUcap(max)	
CM's	
CMcap(max)	
Percentage of Max BSC Capacity	
Max BTS capacity	see ATM TAB

NPUTS	
BSC 1	**BSC 2**
Erlang Demand	Erlang Demand
BTS	BTS
SMS %	SMS %
IWF Erlangs	IWF Erlangs
AHT(sec.)	AHT(sec.)
GOS %	GOS %
ECAUcap.(BHCA)	ECAUcap.(BHCA)
ECIUcap.(BHCA)	ECIUcap.(BHCA)
RMUcap.(BHCA)	RMUcap.(BHCA)
# of DISCO's	# of DISCO's

Cmcap.(BHCA)
ATM
BTS LOAD factor
ISSHO %
BSC MAX Erlang capacity

AHT(hrs.)	AHT(hrs.)
Erlang Capacity @ 70% Eng. Factor	Erlang Capacity @ 70% Eng. Factor
SMS Erlangs	SMS Erlangs
Total Voice Erlang Capacity needed	Total Voice Erlang Capacity needed
# of Selector Elements (Circuits)	# of Selector Elements (Circuits)
# of ESEL Shelves	# of ESEL Shelves
# of SEL Shelves	# of SEL Shelves
# of SBS Racks	# of SBS Racks
Total ESEL selector elements Gained	Total ESEL selector elements Gained
Total ESEL Voice Erlang Max Capacity	Total ESEL Voice Erlang Max Capacity
Total SBS T1's	Total SBS T1's
Total PSTN T1's	Total PSTN T1's

# of DTC's needed
# of MCTM Frames

BSC BHCA	BSC BHCA
# of ECAU's Needed	# of ECAU's Needed
ECAU Capacity Gained (BHCA)	ECAU Capacity Gained (BHCA)
ECAU MAX Capacity Gained (Elrangs)	ECAU MAX Capacity Gained (Elrangs)
# of ECIU's Needed	# of ECIU's Needed
ECIU Capacity Gained (BHCA)	ECIU Capacity Gained (BHCA)
ECIU MAX Capacity Gained (Elrangs)	ECIU MAX Capacity Gained (Elrangs)
# of RMU's Needed	# of RMU's Needed
RMU Capacity Gained (BHCA)	RMU Capacity Gained (BHCA)
RMU MAX Capacity Gained (Elrangs)	RMU MAX Capacity Gained (Elrangs)

# of CM's Needed
CM Capacity Gained (BHCA)
CM MAX Capacity Gained (Elrangs)

Results	
ESEL (Voice) Erlang Capacity (max)	
ESEL Shelves	
SEL Shelves	
# of SBS Racks	
DTC's	
MCTM Frames	
ECAU's	
ECAUcap(max)	
ECIU's	
ECIUcap(max)	
RMU's	
RMUcap(max)	
CM's	
CMcap(max)	
Percentage of Max BSC Capacity	
Max BTS capacity	see ATM TAB

INPUTS

BSC 1

	Erlang Demand
	BTS
	SMS %
	IWF Erlangs
	AHT(sec.)
	GOS %
	ECAUcap.(BHCA)
	ECIUcap.(BHCA)
	RMUcap.(BHCA)
	# of DISCO's

Cmcap.(BHCA)	
ATM	
BTS LOAD factor	
ISSHO %	
BSC MAX Erlang capacity	

BSC 2

	Erlang Demand
	BTS
	SMS %
	IWF Erlangs
	AHT(sec.)
	GOS %
	ECAUcap.(BHCA)
	ECIUcap.(BHCA)
	RMUcap.(BHCA)
	# of DISCO's

STATISTICS

AHT(hrs.)	

	Erlang Capacity @ 70% Eng. Factor
	SMS Erlangs
	Total Voice Erlang Capacity needed
	# of Selector Elements (Circuits)
	# of ESEL Shelves
	# of SEL Shelves
	# of SBS Racks
	Total ESEL selector elements Gained
	Total ESEL Voice Erlang Max Capacity
	Total SBS T1's
	Total PSTN T1's

	# of DTC's needed
	# of MCTM Frames

	BSC BHCA

	# of ECAU's Needed
	ECAU Capacity Gained (BHCA)
	ECAU MAX Capacity Gained (Elrangs)

	# of ECIU's Needed
	ECIU Capacity Gained (BHCA)
	ECIU MAX Capacity Gained (Elrangs)

	# of RMU's Needed
	RMU Capacity Gained (BHCA)
	RMU MAX Capacity Gained (Elrangs)

	# of CM's Needed
	CM Capacity Gained (BHCA)
	CM MAX Capacity Gained (Elrangs)

AHT(hrs.)	

	Erlang Capacity @ 70% Eng. Factor
	SMS Erlangs
	Total Voice Erlang Capacity needed
	# of Selector Elements (Circuits)
	# of ESEL Shelves
	# of SEL Shelves
	# of SBS Racks
	Total ESEL selector elements Gained
	Total ESEL Voice Erlang Max Capacity
	Total SBS T1's
	Total PSTN T1's

	BSC BHCA

	# of ECAU's Needed
	ECAU Capacity Gained (BHCA)
	ECAU MAX Capacity Gained (Elrangs)

	# of ECIU's Needed
	ECIU Capacity Gained (BHCA)
	ECIU MAX Capacity Gained (Elrangs)

	# of RMU's Needed
	RMU Capacity Gained (BHCA)
	RMU MAX Capacity Gained (Elrangs)

RESULTS

	ESEL (Voice) Erlang Capacity (max)
	ESEL Shelves
	SEL Shelves
	# of SBS Racks

	DTC's
	MCTM Frames
	ECAU's
	ECAUcap(max)
	ECIU's
	ECIUcap(max)
	RMU's
	RMUcap(max)
	CM's
	CMcap(max)

Percentage of Max BSC Capacity	

	Max BTS capacity	see ATM TAB

BSC 1

Erlang Demand	
BTS	
SMS %	
IWF Erlangs	
AHT(sec.)	
GOS %	
ECAUcap.(BHCA)	
ECIUcap.(BHCA)	
RMUcap.(BHCA)	
# of DISCO's	

Cmcap (BHCA)	
ATM	
BTS LOAD factor	
ISSHO %	
BSC MAX Erlang capacity	

AHT(hrs.)

Erlang Capacity @ 70% Eng. Factor	
SMS Erlangs	
Total Voice Erlang Capacity needed	
# of Selector Elements (Circuits)	
# of ESEL Shelves	
# of SEL Shelves	
# of SBS Racks	
Total ESEL selector elements Gained	
Total ESEL Voice Erlang Max Capacity	
Total SBS T1's	
Total PSTN T1's	

# of DTC's needed	
# of MCTM Frames	

BSC BHCA	

# of ECAU's Needed	
ECAU Capacity Gained (BHCA)	
ECAU MAX Capacity Gained (Elrangs)	

# of ECIU's Needed	
ECIU Capacity Gained (BHCA)	
ECIU MAX Capacity Gained (Elrangs)	

# of RMU's Needed	
RMU Capacity Gained (BHCA)	
RMU MAX Capacity Gained (Elrangs)	

# of CM's Needed	
CM Capacity Gained (BHCA)	
CM MAX Capacity Gained (Elrangs)	

BSC 2

Erlang Demand	
BTS	
SMS %	
IWF Erlangs	
AHT(sec.)	
GOS %	
ECAUcap.(BHCA)	
ECIUcap.(BHCA)	
RMUcap.(BHCA)	
# of DISCO's	

AHT(hrs.)

Erlang Capacity @ 70% Eng. Factor	
SMS Erlangs	
Total Voice Erlang Capacity needed	
# of Selector Elements (Circuits)	
# of ESEL Shelves	
# of SEL Shelves	
# of SBS Racks	
Total ESEL selector elements Gained	
Total ESEL Voice Erlang Max Capacity	
Total SBS T1's	
Total PSTN T1's	

BSC BHCA	

# of ECAU's Needed	
ECAU Capacity Gained (BHCA)	
ECAU MAX Capacity Gained (Elrangs)	

# of ECIU's Needed	
ECIU Capacity Gained (BHCA)	
ECIU MAX Capacity Gained (Elrangs)	

# of RMU's Needed	
RMU Capacity Gained (BHCA)	
RMU MAX Capacity Gained (Elrangs)	

ESEL (Voice) Erlang Capacity (max)	
ESEL Shelves	
SEL Shelves	
# of SBS Racks	

DTC's	
MCTM Frames	
ECAU's	
ECAUcap(max)	
ECIU's	
ECIUcap(max)	
RMU's	
RMUcap(max)	
CM's	
CMcap(max)	

Percentage of Max BSC Capacity	

Max BTS capacity	

see ATM TAB

	BSC 2	
Erlang Demand		Erlang Demand
BTS		BTS
SMS %		SMS %
IWF Erlangs		IWF Erlangs
AHT(sec.)		AHT(sec.)
GOS %		GOS %
ECAUcap.(BHCA)		ECAUcap.(BHCA)
ECIUcap.(BHCA)		ECIUcap.(BHCA)
RMUcap.(BHCA)		RMUcap.(BHCA)
# of DISCO's		# of DISCO's

Cmcap (BHCA)
ATM
BTS LOAD factor
ISSHO %
BSC MAX Erlang capacity

AHT(hrs.)   AHT(hrs.)

Erlang Capacity @ 70% Eng. Factor		Erlang Capacity @ 70% Eng. Factor
SMS Erlangs		SMS Erlangs
Total Voice Erlang Capacity needed		Total Voice Erlang Capacity needed
# of Selector Elements (Circuits)		# of Selector Elements (Circuits)
# of ESEL Shelves		# of ESEL Shelves
# of SEL Shelves		# of SEL Shelves
# of SBS Racks		# of SBS Racks
Total ESEL selector elements Gained		Total ESEL selector elements Gained
Total ESEL Voice Erlang Max Capacity		Total ESEL Voice Erlang Max Capacity
Total SBS T1's		Total SBS T1's
Total PSTN T1's		Total PSTN T1's

# of DTC's needed
# of MCTM Frames

BSC BHCA		BSC BHCA

# of ECAU's Needed		# of ECAU's Needed
ECAU Capacity Gained (BHCA)		ECAU Capacity Gained (BHCA)
ECAU MAX Capacity Gained (Erlangs)		ECAU MAX Capacity Gained (Erlangs)

# of ECIU's Needed		# of ECIU's Needed
ECIU Capacity Gained (BHCA)		ECIU Capacity Gained (BHCA)
ECIU MAX Capacity Gained (Erlangs)		ECIU MAX Capacity Gained (Erlangs)

# of RMU's Needed		# of RMU's Needed
RMU Capacity Gained (BHCA)		RMU Capacity Gained (BHCA)
RMU MAX Capacity Gained (Erlangs)		RMU MAX Capacity Gained (Erlangs)

# of CM's Needed
CM Capacity Gained (BHCA)
CM MAX Capacity Gained (Erlangs)

ESEL (Voice) Erlang Capacity (max)
ESEL Shelves
SEL Shelves
# of SBS Racks

DTC's
MCTM Frames
ECAU's
ECAUcap(max)
ECIU's
ECIUcap(max)
RMU's
RMUcap(max)
CM's
CMcap(max)

Percentage of Max BSC Capacity

Max BTS capacity   see ATM TAB

NPCCS		BSC 2	
BSC 1			
	Erlang Demand		Erlang Demand
	BTS		BTS
	SMS %		SMS %
	IWF Erlangs		IWF Erlangs
	AHT(sec.)		AHT(sec.)
	GOS %		GOS %
	ECAUcap.(BHCA)		ECAUcap.(BHCA)
	ECIUcap.(BHCA)		ECIUcap.(BHCA)
	RMUcap.(BHCA)		RMUcap.(BHCA)
	# of DISCO's		# of DISCO's

Cmcap.(BHCA)	
ATM	
BTS LOAD factor	
ISSHO %	
BSC MAX Erlang capacity	

AHT(hrs.)	AHT(hrs.)
Erlang Capacity @ 70% Eng. Factor	Erlang Capacity @ 70% Eng. Factor
SMS Erlangs	SMS Erlangs
Total Voice Erlang Capacity needed	Total Voice Erlang Capacity needed
# of Selector Elements (Circuits)	# of Selector Elements (Circuits)
# of ESEL Shelves	# of ESEL Shelves
# of SEL Shelves	# of SEL Shelves
# of SBS Racks	# of SBS Racks
Total ESEL selector elements Gained	Total ESEL selector elements Gained
Total ESEL Voice Erlang Max Capacity	Total ESEL Voice Erlang Max Capacity
Total SBS T1's	Total SBS T1's
Total PSTN T1's	Total PSTN T1's

# of DTC's needed	
# of MCTM Frames	

BSC BHCA	BSC BHCA

# of ECAU's Needed	# of ECAU's Needed
ECAU Capacity Gained (BHCA)	ECAU Capacity Gained (BHCA)
ECAU MAX Capacity Gained (Elrangs)	ECAU MAX Capacity Gained (Elrangs)

# of ECIU's Needed	# of ECIU's Needed
ECIU Capacity Gained (BHCA)	ECIU Capacity Gained (BHCA)
ECIU MAX Capacity Gained (Elrangs)	ECIU MAX Capacity Gained (Elrangs)

# of RMU's Needed	# of RMU's Needed
RMU Capacity Gained (BHCA)	RMU Capacity Gained (BHCA)
RMU MAX Capacity Gained (Elrangs)	RMU MAX Capacity Gained (Elrangs)

# of CM's Needed	
CM Capacity Gained (BHCA)	
CM MAX Capacity Gained (Elrangs)	

ESEL (Voice) Erlang Capacity (max)	
ESEL Shelves	
SEL Shelves	
# of SBS Racks	
DTC's	
MCTM Frames	
ECAU's	
ECAUcap(max)	
ECIU's	
ECIUcap(max)	
RMU's	
RMUcap(max)	
CM's	
CMcap(max)	

Percentage of Max BSC Capacity	

Max BTS capacity	see ATM TAB

INPUTS

BSC 1		BSC 2	
Erlang Demand		Erlang Demand	
BTS		BTS	
SMS %		SMS %	
IWF Erlangs		IWF Erlangs	
AHT(sec.)		AHT(sec.)	
GOS %		GOS %	
ECAUcap.(BHCA)		ECAUcap.(BHCA)	
ECIUcap.(BHCA)		ECIUcap.(BHCA)	
RMUcap.(BHCA)		RMUcap.(BHCA)	
# of DISCO's		# of DISCO's	

Cmcap.(BHCA)	
ATM	
BTS LOAD factor	
ISSHO %	
BSC MAX Erlang capacity	

AHT(hrs.)	AHT(hrs.)

Erlang Capacity @ 70% Eng. Factor		Erlang Capacity @ 70% Eng. Factor
SMS Erlangs		SMS Erlangs
Total Voice Erlang Capacity needed		Total Voice Erlang Capacity needed
# of Selector Elements (Circuits)		# of Selector Elements (Circuits)
# of ESEL Shelves		# of ESEL Shelves
# of SEL Shelves		# of SEL Shelves
# of SBS Racks		# of SBS Racks
Total ESEL selector elements Gained		Total ESEL selector elements Gained
Total ESEL Voice Erlang Max Capacity		Total ESEL Voice Erlang Max Capacity
Total SBS T1's		Total SBS T1's
Total PSTN T1's		Total PSTN T1's

# of DTC's needed	
# of MCTM Frames	

BSC BHCA	BSC BHCA

# of ECAU's Needed		# of ECAU's Needed
ECAU Capacity Gained (BHCA)		ECAU Capacity Gained (BHCA)
ECAU MAX Capacity Gained (Elrangs)		ECAU MAX Capacity Gained (Elrangs)

# of ECIU's Needed		# of ECIU's Needed
ECIU Capacity Gained (BHCA)		ECIU Capacity Gained (BHCA)
ECIU MAX Capacity Gained (Elrangs)		ECIU MAX Capacity Gained (Elrangs)

# of RMU's Needed		# of RMU's Needed
RMU Capacity Gained (BHCA)		RMU Capacity Gained (BHCA)
RMU MAX Capacity Gained (Elrangs)		RMU MAX Capacity Gained (Elrangs)

# of CM's Needed	
CM Capacity Gained (BHCA)	
CM MAX Capacity Gained (Elrangs)	

Results

ESEL (Voice) Erlang Capacity (max)	
ESEL Shelves	
SEL Shelves	
# of SBS Racks	
DTC's	
MCTM Frames	
ECAU's	
ECAUcap(max)	
ECIU's	
ECIUcap(max)	
RMU's	
RMUcap(max)	
CM's	
CMcap(max)	

Percentage of Max BSC Capacity	

Max BTS capacity	see ATM TAB

BSC 1		BSC 2	
	Erlang Demand		Erlang Demand
	BTS		BTS
	SMS %		SMS %
	IWF Erlangs		IWF Erlangs
	AHT(sec.)		AHT(sec.)
	GOS %		GOS %
	ECAUcap.(BHCA)		ECAUcap.(BHCA)
	ECIUcap.(BHCA)		ECIUcap.(BHCA)
	RMUcap.(BHCA)		RMUcap.(BHCA)
	# of DISCO's		# of DISCO's

Cmcap.(BHCA)	
ATM	
BTS LOAD factor	
ISSHO %	
BSC MAX Erlang capacity	

AHT(hrs.)	AHT(hrs.)

Erlang Capacity @ 70% Eng. Factor		Erlang Capacity @ 70% Eng. Factor
SMS Erlangs		SMS Erlangs
Total Voice Erlang Capacity needed		Total Voice Erlang Capacity needed
# of Selector Elements (Circuits)		# of Selector Elements (Circuits)
# of ESEL Shelves		# of ESEL Shelves
# of SEL Shelves		# of SEL Shelves
# of SBS Racks		# of SBS Racks
Total ESEL selector elements Gained		Total ESEL selector elements Gained
Total ESEL Voice Erlang Max Capacity		Total ESEL Voice Erlang Max Capacity
Total SBS T1's		Total SBS T1's
Total PSTN T1's		Total PSTN T1's

# of DTC's needed
# of MCTM Frames

BSC BHCA	BSC BHCA

# of ECAU's Needed	# of ECAU's Needed
ECAU Capacity Gained (BHCA)	ECAU Capacity Gained (BHCA)
ECAU MAX Capacity Gained (Elrangs)	ECAU MAX Capacity Gained (Elrangs)

# of ECIU's Needed	# of ECIU's Needed
ECIU Capacity Gained (BHCA)	ECIU Capacity Gained (BHCA)
ECIU MAX Capacity Gained (Elrangs)	ECIU MAX Capacity Gained (Elrangs)

# of RMU's Needed	# of RMU's Needed
RMU Capacity Gained (BHCA)	RMU Capacity Gained (BHCA)
RMU MAX Capacity Gained (Elrangs)	RMU MAX Capacity Gained (Elrangs)

# of CM's Needed
CM Capacity Gained (BHCA)
CM MAX Capacity Gained (Elrangs)

ESEL (Voice) Erlang Capacity (max)
ESEL Shelves
SEL Shelves
# of SBS Racks

DTC's
MCTM Frames
ECAU's
ECAUcap(max)
ECIU's
ECIUcap(max)
RMU's
RMUcap(max)
CM's
CMcap(max)

Percentage of Max BSC Capacity	

Max BTS capacity		see ATM TAB

BSC 1

Erlang Demand	
BTS	
SMS %	
IWF Erlangs	
AHT(sec.)	
GOS %	
ECAUcap.(BHCA)	
ECIUcap.(BHCA)	
RMUcap.(BHCA)	
# of DISCO's	

Cmcap.(BHCA)	
ATM	
BTS LOAD factor	
ISSHO %	
BSC MAX Erlang capacity	

AHT(hrs.)

Erlang Capacity @ 70% Eng. Factor	
SMS Erlangs	
Total Voice Erlang Capacity needed	
# of Selector Elements (Circuits)	
# of ESEL Shelves	
# of SEL Shelves	
# of SBS Racks	
Total ESEL selector elements Gained	
Total ESEL Voice Erlang Max Capacity	
Total SBS T1's	
Total PSTN T1's	

# of DTC's needed	
# of MCTM Frames	

BSC BHCA	

# of ECAU's Needed	
ECAU Capacity Gained (BHCA)	
ECAU MAX Capacity Gained (Erangs)	

# of ECIU's Needed	
ECIU Capacity Gained (BHCA)	
ECIU MAX Capacity Gained (Erangs)	

# of RMU's Needed	
RMU Capacity Gained (BHCA)	
RMU MAX Capacity Gained (Erangs)	

# of CM's Needed	
CM Capacity Gained (BHCA)	
CM MAX Capacity Gained (Erangs)	

BSC 2

Erlang Demand	
BTS	
SMS %	
IWF Erlangs	
AHT(sec.)	
GOS %	
ECAUcap.(BHCA)	
ECIUcap.(BHCA)	
RMUcap.(BHCA)	
# of DISCO's	

AHT(hrs.)

Erlang Capacity @ 70% Eng. Factor	
SMS Erlangs	
Total Voice Erlang Capacity needed	
# of Selector Elements (Circuits)	
# of ESEL Shelves	
# of SEL Shelves	
# of SBS Racks	
Total ESEL selector elements Gained	
Total ESEL Voice Erlang Max Capacity	
Total SBS T1's	
Total PSTN T1's	

BSC BHCA	

# of ECAU's Needed	
ECAU Capacity Gained (BHCA)	
ECAU MAX Capacity Gained (Erangs)	

# of ECIU's Needed	
ECIU Capacity Gained (BHCA)	
ECIU MAX Capacity Gained (Erangs)	

# of RMU's Needed	
RMU Capacity Gained (BHCA)	
RMU MAX Capacity Gained (Erangs)	

ESEL (Voice) Erlang Capacity (max)	
ESEL Shelves	
SEL Shelves	
# of SBS Racks	

DTC's	
MCTM Frames	
ECAU's	
ECAUcap(max)	
ECIU's	
ECIUcap(max)	
RMU's	
RMUcap(max)	
CM's	
CMcap(max)	

Percentage of Max BSC Capacity	

Max BTS capacity		see ATM TAB

BSC 1		BSC 2	
	Erlang Demand		Erlang Demand
	BTS		BTS
	SMS %		SMS %
	IWF Erlangs		IWF Erlangs
	AHT(sec.)		AHT(sec.)
	GOS %		GOS %
	ECAUcap.(BHCA)		ECAUcap.(BHCA)
	ECIUcap.(BHCA)		ECIUcap.(BHCA)
	RMUcap.(BHCA)		RMUcap.(BHCA)
	# of DISCO's		# of DISCO's

Cmcap (BHCA)
ATM
BTS LOAD factor
ISSHO %

AHT(hrs.)		AHT(hrs.)	
	Erlang Capacity @ 70% Eng. Factor		Erlang Capacity @ 70% Eng. Factor
	SMS Erlangs		SMS Erlangs
	Total Voice Erlang Capacity needed		Total Voice Erlang Capacity needed
	# of Selector Elements (Circuits)		# of Selector Elements (Circuits)
	# of ESEL Shelves		# of ESEL Shelves
	# of SEL Shelves		# of SEL Shelves
	# of SBS Racks		# of SBS Racks
	Total ESEL selector elements Gained		Total ESEL selector elements Gained
	Total ESEL Voice Erlang Max Capacity		Total ESEL Voice Erlang Max Capacity
	Total SBS T1's		Total SBS T1's
	Total PSTN T1's		Total PSTN T1's

	# of DTC's needed
	# of MCTM Frames

	BSC BHCA		BSC BHCA

	# of ECAU's Needed		# of ECAU's Needed
	ECAU Capacity Gained (BHCA)		ECAU Capacity Gained (BHCA)
	ECAU MAX Capacity Gained (Elrangs)		ECAU MAX Capacity Gained (Elrangs)

	# of ECIU's Needed		# of ECIU's Needed
	ECIU Capacity Gained (BHCA)		ECIU Capacity Gained (BHCA)
	ECIU MAX Capacity Gained (Elrangs)		ECIU MAX Capacity Gained (Elrangs)

	# of RMU's Needed		# of RMU's Needed
	RMU Capacity Gained (BHCA)		RMU Capacity Gained (BHCA)
	RMU MAX Capacity Gained (Elrangs)		RMU MAX Capacity Gained (Elrangs)

	# of CM's Needed
	CM Capacity Gained (BHCA)
	CM MAX Capacity Gained (Elrangs)

	ESEL (Voice) Erlang Capacity (max)
	ESEL Shelves
	SEL Shelves
	# of SBS Racks

	DTC's
	MCTM Frames
	ECAU's
	ECAUcap(max)
	ECIU's
	ECIUcap(max)
	RMU's
	RMUcap(max)
	CM's
	CMcap(max)

	Max BTS capacity		see ATM TAB

BSC 1		BSC 2	
Erlang Demand		Erlang Demand	
BTS		BTS	
SMS %		SMS %	
IWF Erlangs		IWF Erlangs	
AHT(sec.)		AHT(sec.)	
GOS %		GOS %	
ECAUcap.(BHCA)		ECAUcap.(BHCA)	
ECIUcap.(BHCA)		ECIUcap.(BHCA)	
RMUcap.(BHCA)		RMUcap.(BHCA)	
# of DISCO's		# of DISCO's	

Cmcap.(BHCA)	
ATM	
BTS LOAD factor	
ISSHO %	

AHT(hrs.)		AHT(hrs.)	
Erlang Capacity @ 70% Eng. Factor		Erlang Capacity @ 70% Eng. Factor	
SMS Erlangs		SMS Erlangs	
Total Voice Erlang Capacity needed		Total Voice Erlang Capacity needed	
# of Selector Elements (Circuits)		# of Selector Elements (Circuits)	
# of ESEL Shelves		# of ESEL Shelves	
# of SEL Shelves		# of SEL Shelves	
# of SBS Racks		# of SBS Racks	
Total ESEL selector elements Gained		Total ESEL selector elements Gained	
Total ESEL Voice Erlang Max Capacity		Total ESEL Voice Erlang Max Capacity	
Total SBS T1's		Total SBS T1's	
Total PSTN T1's		Total PSTN T1's	

# of DTC's needed	
# of MCTM Frames	

BSC BHCA		BSC BHCA	
# of ECAU's Needed		# of ECAU's Needed	
ECAU Capacity Gained (BHCA)		ECAU Capacity Gained (BHCA)	
ECAU MAX Capacity Gained (Elrangs)		ECAU MAX Capacity Gained (Elrangs)	
# of ECIU's Needed		# of ECIU's Needed	
ECIU Capacity Gained (BHCA)		ECIU Capacity Gained (BHCA)	
ECIU MAX Capacity Gained (Elrangs)		ECIU MAX Capacity Gained (Elrangs)	
# of RMU's Needed		# of RMU's Needed	
RMU Capacity Gained (BHCA)		RMU Capacity Gained (BHCA)	
RMU MAX Capacity Gained (Elrangs)		RMU MAX Capacity Gained (Elrangs)	

# of CM's Needed	
CM Capacity Gained (BHCA)	
CM MAX Capacity Gained (Elrangs)	

ESEL (Voice) Erlang Capacity (max)	
ESEL Shelves	
SEL Shelves	
# of SBS Racks	
DTC's	
MCTM Frames	
ECAU's	
ECAUcap(max)	
ECIU's	
ECIUcap(max)	
RMU's	
RMUcap(max)	
CM's	
CMcap(max)	

Max BTS capacity			see ATM TAB

INPUTS

BSC 1

Erlang Demand	
BTS	
SMS %	
IWF Erlangs	
AHT(sec.)	
GOS %	
ECAUcap.(BHCA)	
ECIUcap.(BHCA)	
RMUcap.(BHCA)	
# of DISCO's	

BSC 2

Erlang Demand	
BTS	
SMS %	
IWF Erlangs	
AHT(sec.)	
GOS %	
ECAUcap.(BHCA)	
ECIUcap.(BHCA)	
RMUcap.(BHCA)	
# of DISCO's	

Cmcap.(BHCA)	
ATM	
BTS LOAD factor	
ISSHO %	

CALCULATIONS

AHT(hrs.)

AHT(hrs.)

Erlang Capacity @ 70% Eng. Factor	
SMS Erlangs	
Total Voice Erlang Capacity needed	
# of Selector Elements (Circuits)	
# of ESEL Shelves	
# of SEL Shelves	
# of SBS Racks	
Total ESEL selector elements Gained	
Total ESEL Voice Erlang Max Capacity	
Total SBS T1's	
Total PSTN T1's	

Erlang Capacity @ 70% Eng. Factor	
SMS Erlangs	
Total Voice Erlang Capacity needed	
# of Selector Elements (Circuits)	
# of ESEL Shelves	
# of SEL Shelves	
# of SBS Racks	
Total ESEL selector elements Gained	
Total ESEL Voice Erlang Max Capacity	
Total SBS T1's	
Total PSTN T1's	

# of DTC's needed	
# of MCTM Frames	

BSC BHCA	

BSC BHCA	

# of ECAU's Needed	
ECAU Capacity Gained (BHCA)	
ECAU MAX Capacity Gained (Elrangs)	

# of ECAU's Needed	
ECAU Capacity Gained (BHCA)	
ECAU MAX Capacity Gained (Elrangs)	

# of ECIU's Needed	
ECIU Capacity Gained (BHCA)	
ECIU MAX Capacity Gained (Elrangs)	

# of ECIU's Needed	
ECIU Capacity Gained (BHCA)	
ECIU MAX Capacity Gained (Elrangs)	

# of RMU's Needed	
RMU Capacity Gained (BHCA)	
RMU MAX Capacity Gained (Elrangs)	

# of RMU's Needed	
RMU Capacity Gained (BHCA)	
RMU MAX Capacity Gained (Elrangs)	

# of CM's Needed	
CM Capacity Gained (BHCA)	
CM MAX Capacity Gained (Elrangs)	

RESULTS

ESEL (Voice) Erlang Capacity (max)	
ESEL Shelves	
SEL Shelves	
# of SBS Racks	

DTC's	
MCTM Frames	
ECAU's	
ECAUcap(max)	
ECIU's	
ECIUcap(max)	
RMU's	
RMUcap(max)	
CM's	
CMcap(max)	

Max BTS capacity	

see ATM TAB

INPUTS

BSC 1

Erlang Demand	
BTS	
SMS %	
IWF Erlangs	
AHT(sec.)	
GOS %	
ECAUcap.(BHCA)	
ECIUcap.(BHCA)	
RMUcap.(BHCA)	
# of DISCO's	

Cmcap.(BHCA)	
ATM	
BTS LOAD factor	
ISSHO %	

AHT(hrs.)

Erlang Capacity @ 70% Eng. Factor
SMS Erlangs
Total Voice Erlang Capacity needed
# of Selector Elements (Circuits)
# of ESEL Shelves
# of SEL Shelves
# of SBS Racks
Total ESEL selector elements Gained
Total ESEL Voice Erlang Max Capacity
Total SBS T1's
Total PSTN T1's

# of DTC's needed
# of MCTM Frames

BSC BHCA

# of ECAU's Needed
ECAU Capacity Gained (BHCA)
ECAU MAX Capacity Gained (Elrangs)

# of ECIU's Needed
ECIU Capacity Gained (BHCA)
ECIU MAX Capacity Gained (Elrangs)

# of RMU's Needed
RMU Capacity Gained (BHCA)
RMU MAX Capacity Gained (Elrangs)

# of CM's Needed
CM Capacity Gained (BHCA)
CM MAX Capacity Gained (Elrangs)

BSC 2

Erlang Demand	
BTS	
SMS %	
IWF Erlangs	
AHT(sec.)	
GOS %	
ECAUcap.(BHCA)	
ECIUcap.(BHCA)	
RMUcap.(BHCA)	
# of DISCO's	

AHT(hrs.)

Erlang Capacity @ 70% Eng. Factor
SMS Erlangs
Total Voice Erlang Capacity needed
# of Selector Elements (Circuits)
# of ESEL Shelves
# of SEL Shelves
# of SBS Racks
Total ESEL selector elements Gained
Total ESEL Voice Erlang Max Capacity
Total SBS T1's
Total PSTN T1's

BSC BHCA

# of ECAU's Needed
ECAU Capacity Gained (BHCA)
ECAU MAX Capacity Gained (Elrangs)

# of ECIU's Needed
ECIU Capacity Gained (BHCA)
ECIU MAX Capacity Gained (Elrangs)

# of RMU's Needed
RMU Capacity Gained (BHCA)
RMU MAX Capacity Gained (Elrangs)

RESULTS

ESEL (Voice) Erlang Capacity (max)
ESEL Shelves
SEL Shelves
# of SBS Racks

DTC's
MCTM Frames
ECAU's
ECAUcap(max)
ECIU's
ECIUcap(max)
RMU's
RMUcap(max)
CM's
CMcap(max)

Max BTS capacity

see ATM TAB

BSC 1		BSC 2	
Erlang Demand		Erlang Demand	
BTS		BTS	
SMS %		SMS %	
IWF Erlangs		IWF Erlangs	
AHT(sec.)		AHT(sec.)	
GOS %		GOS %	
ECAUcap.(BHCA)		ECAUcap.(BHCA)	
ECIUcap.(BHCA)		ECIUcap.(BHCA)	
RMUcap.(BHCA)		RMUcap.(BHCA)	
# of DISCO's		# of DISCO's	

Cmcap (BHCA)
ATM
BTS LOAD factor
ISSHO %

AHT(hrs.)		AHT(hrs.)	
Erlang Capacity @ 70% Eng. Factor		Erlang Capacity @ 70% Eng. Factor	
SMS Erlangs		SMS Erlangs	
Total Voice Erlang Capacity needed		Total Voice Erlang Capacity needed	
# of Selector Elements (Circuits)		# of Selector Elements (Circuits)	
# of ESEL Shelves		# of ESEL Shelves	
# of SEL Shelves		# of SEL Shelves	
# of SBS Racks		# of SBS Racks	
Total ESEL selector elements Gained		Total ESEL selector elements Gained	
Total ESEL Voice Erlang Max Capacity		Total ESEL Voice Erlang Max Capacity	
Total SBS T1's		Total SBS T1's	
Total PSTN T1's		Total PSTN T1's	

# of DTC's needed
# of MCTM Frames

BSC BHCA		BSC BHCA	
# of ECAU's Needed		# of ECAU's Needed	
ECAU Capacity Gained (BHCA)		ECAU Capacity Gained (BHCA)	
ECAU MAX Capacity Gained (Elrangs)		ECAU MAX Capacity Gained (Elrangs)	
# of ECIU's Needed		# of ECIU's Needed	
ECIU Capacity Gained (BHCA)		ECIU Capacity Gained (BHCA)	
ECIU MAX Capacity Gained (Elrangs)		ECIU MAX Capacity Gained (Elrangs)	
# of RMU's Needed		# of RMU's Needed	
RMU Capacity Gained (BHCA)		RMU Capacity Gained (BHCA)	
RMU MAX Capacity Gained (Elrangs)		RMU MAX Capacity Gained (Elrangs)	

# of CM's Needed
CM Capacity Gained (BHCA)
CM MAX Capacity Gained (Elrangs)

ESEL (Voice) Erlang Capacity (max)
ESEL Shelves
SEL Shelves
# of SBS Racks

DTC's
MCTM Frames
ECAU's
ECAUcap(max)
ECIU's
ECIUcap(max)
RMU's
RMUcap(max)
CM's
CMcap(max)

Max BTS capacity			see ATM TAS

BSC 1

	Erlang Demand
	BTS
	SMS %
	IWF Erlangs
	AHT(sec.)
	GOS %
	ECAUcap.(BHCA)
	ECIUcap.(BHCA)
	RMUcap.(BHCA)
	# of DISCO's

Cmcac (BHCA)
ATM
BTS LOAD factor
ISSHO %

AHT(hrs.)

Erlang Capacity @ 70% Eng. Factor
SMS Erlangs
Total Voice Erlang Capacity needed
# of Selector Elements (Circuits)
# of ESEL Shelves
# of SEL Shelves
# of SBS Racks
Total ESEL selector elements Gained
Total ESEL Voice Erlang Max Capacity
Total SBS T1's
Total PSTN T1's

# of DTC's needed
# of MCTM Frames

BSC BHCA

# of ECAU's Needed
ECAU Capacity Gained (BHCA)
ECAU MAX Capacity Gained (Elrangs)

# of ECIU's Needed
ECIU Capacity Gained (BHCA)
ECIU MAX Capacity Gained (Elrangs)

# of RMU's Needed
RMU Capacity Gained (BHCA)
RMU MAX Capacity Gained (Elrangs)

# of CM's Needed
CM Capacity Gained (BHCA)
CM MAX Capacity Gained (Elrangs)

ESEL (Voice) Erlang Capacity (max)
ESEL Shelves
SEL Shelves
# of SBS Racks

DTC's
MCTM Frames
ECAU's
ECAUcap(max)
ECIU's
ECIUcap(max)
RMU's
RMUcap(max)
CM's
CMcap(max)

Max BTS capacity

BSC 2

	Erlang Demand
	BTS
	SMS %
	IWF Erlangs
	AHT(sec.)
	GOS %
	ECAUcap.(BHCA)
	ECIUcap.(BHCA)
	RMUcap.(BHCA)
	# of DISCO's

AHT(hrs.)

Erlang Capacity @ 70% Eng. Factor
SMS Erlangs
Total Voice Erlang Capacity needed
# of Selector Elements (Circuits)
# of ESEL Shelves
# of SEL Shelves
# of SBS Racks
Total ESEL selector elements Gained
Total ESEL Voice Erlang Max Capacity
Total SBS T1's
Total PSTN T1's

BSC BHCA

# of ECAU's Needed
ECAU Capacity Gained (BHCA)
ECAU MAX Capacity Gained (Elrangs)

# of ECIU's Needed
ECIU Capacity Gained (BHCA)
ECIU MAX Capacity Gained (Elrangs)

# of RMU's Needed
RMU Capacity Gained (BHCA)
RMU MAX Capacity Gained (Elrangs)

see ATM TAB

INPUTS

BSC 1		BSC 2	
	Erlang Demand		Erlang Demand
	BTS		BTS
	SMS %		SMS %
	IWF Erlangs		IWF Erlangs
	AHT(sec.)		AHT(sec.)
	GOS %		GOS %
	ECAUcap.(BHCA)		ECAUcap.(BHCA)
	ECIUcap.(BHCA)		ECIUcap.(BHCA)
	RMUcap.(BHCA)		RMUcap.(BHCA)
	# of DISCO's		# of DISCO's

Cmcap.(BHCA)	
ATM	
BTS LOAD factor	
ISSHO %	

CALCULATIONS

AHT(hrs.)		AHT(hrs.)	
	Erlang Capacity @ 70% Eng. Factor		Erlang Capacity @ 70% Eng. Factor
	SMS Erlangs		SMS Erlangs
	Total Voice Erlang Capacity needed		Total Voice Erlang Capacity needed
	# of Selector Elements (Circuits)		# of Selector Elements (Circuits)
	# of ESEL Shelves		# of ESEL Shelves
	# of SEL Shelves		# of SEL Shelves
	# of SBS Racks		# of SBS Racks
	Total ESEL selector elements Gained		Total ESEL selector elements Gained
	Total ESEL Voice Erlang Max Capacity		Total ESEL Voice Erlang Max Capacity
	Total SBS T1's		Total SBS T1's
	Total PSTN T1's		Total PSTN T1's
	# of DTC's needed		
	# of MCTM Frames		
	BSC BHCA		BSC BHCA
	# of ECAU's Needed		# of ECAU's Needed
	ECAU Capacity Gained (BHCA)		ECAU Capacity Gained (BHCA)
	ECAU MAX Capacity Gained (Elrangs)		ECAU MAX Capacity Gained (Elrangs)
	# of ECIU's Needed		# of ECIU's Needed
	ECIU Capacity Gained (BHCA)		ECIU Capacity Gained (BHCA)
	ECIU MAX Capacity Gained (Elrangs)		ECIU MAX Capacity Gained (Elrangs)
	# of RMU's Needed		# of RMU's Needed
	RMU Capacity Gained (BHCA)		RMU Capacity Gained (BHCA)
	RMU MAX Capacity Gained (Elrangs)		RMU MAX Capacity Gained (Elrangs)
	# of CM's Needed		
	CM Capacity Gained (BHCA)		
	CM MAX Capacity Gained (Elrangs)		

RESULTS

	ESEL (Voice) Erlang Capacity (max)
	ESEL Shelves
	SEL Shelves
	# of SBS Racks
	DTC's
	MCTM Frames
	ECAU's
	ECAUcap(max)
	ECIU's
	ECIUcap(max)
	RMU's
	RMUcap(max)
	CM's
	CMcap(max)
	Max BTS capacity

see ATM TAB

BSC 1		BSC 2	
	Erlang Demand		Erlang Demand
	BTS		BTS
	SMS %		SMS %
	IWF Erlangs		IWF Erlangs
	AHT(sec.)		AHT(sec.)
	GOS %		GOS %
	ECAUcap.(BHCA)		ECAUcap.(BHCA)
	ECIUcap.(BHCA)		ECIUcap.(BHCA)
	RMUcap.(BHCA)		RMUcap.(BHCA)
	# of DISCO's		# of DISCO's

Cmcap.(BHCA)	
ATM	
BTS LOAD factor	
ISSHO %	

AHT(hrs.)		AHT(hrs.)	
	Erlang Capacity @ 70% Eng. Factor		Erlang Capacity @ 70% Eng. Factor
	SMS Erlangs		SMS Erlangs
	Total Voice Erlang Capacity needed		Total Voice Erlang Capacity needed
	# of Selector Elements (Circuits)		# of Selector Elements (Circuits)
	# of ESEL Shelves		# of ESEL Shelves
	# of SEL Shelves		# of SEL Shelves
	# of SBS Racks		# of SBS Racks
	Total ESEL selector elements Gained		Total ESEL selector elements Gained
	Total ESEL Voice Erlang Max Capacity		Total ESEL Voice Erlang Max Capacity
	Total SBS T1's		Total SBS T1's
	Total PSTN T1's		Total PSTN T1's
	# of DTC's needed		
	# of MCTM Frames		
	BSC BHCA		BSC BHCA
	# of ECAU's Needed		# of ECAU's Needed
	ECAU Capacity Gained (BHCA)		ECAU Capacity Gained (BHCA)
	ECAU MAX Capacity Gained (Elrangs)		ECAU MAX Capacity Gained (Elrangs)
	# of ECIU's Needed		# of ECIU's Needed
	ECIU Capacity Gained (BHCA)		ECIU Capacity Gained (BHCA)
	ECIU MAX Capacity Gained (Elrangs)		ECIU MAX Capacity Gained (Elrangs)
	# of RMU's Needed		# of RMU's Needed
	RMU Capacity Gained (BHCA)		RMU Capacity Gained (BHCA)
	RMU MAX Capacity Gained (Elrangs)		RMU MAX Capacity Gained (Elrangs)
	# of CM's Needed		
	CM Capacity Gained (BHCA)		
	CM MAX Capacity Gained (Elrangs)		

	ESEL (Voice) Erlang Capacity (max)
	ESEL Shelves
	SEL Shelves
	# of SBS Racks
	DTC's
	MCTM Frames
	ECAU's
	ECAUcap(max)
	ECIU's
	ECIUcap(max)
	RMU's
	RMUcap(max)
	CM's
	CMcap(max)
	Max BTS capacity

see ATM TAB

INPUTS

BSC 1		BSC 2	
	Erlang Demand		Erlang Demand
	BTS		BTS
	SMS %		SMS %
	IWF Erlangs		IWF Erlangs
	AHT(sec.)		AHT(sec.)
	GOS %		GOS %
	ECAUcap.(BHCA)		ECAUcap.(BHCA)
	ECIUcap.(BHCA)		ECIUcap.(BHCA)
	RMUcap.(BHCA)		RMUcap.(BHCA)
	# of DISCO's		# of DISCO's

Cmcap.(BHCA)	
ATM	
BTS LOAD factor	
ISSHO %	

AHT(hrs.)		AHT(hrs.)	
Erlang Capacity @ 70% Eng. Factor		Erlang Capacity @ 70% Eng. Factor	
SMS Erlangs		SMS Erlangs	
Total Voice Erlang Capacity needed		Total Voice Erlang Capacity needed	
# of Selector Elements (Circuits)		# of Selector Elements (Circuits)	
# of ESEL Shelves		# of ESEL Shelves	
# of SEL Shelves		# of SEL Shelves	
# of SBS Racks		# of SBS Racks	
Total ESEL selector elements Gained		Total ESEL selector elements Gained	
Total ESEL Voice Erlang Max Capacity		Total ESEL Voice Erlang Max Capacity	
Total SBS T1's		Total SBS T1's	
Total PSTN T1's		Total PSTN T1's	

# of DTC's needed	
# of MCTM Frames	

BSC BHCA		BSC BHCA	

# of ECAU's Needed		# of ECAU's Needed	
ECAU Capacity Gained (BHCA)		ECAU Capacity Gained (BHCA)	
ECAU MAX Capacity Gained (Elrangs)		ECAU MAX Capacity Gained (Elrangs)	

# of ECIU's Needed		# of ECIU's Needed	
ECIU Capacity Gained (BHCA)		ECIU Capacity Gained (BHCA)	
ECIU MAX Capacity Gained (Elrangs)		ECIU MAX Capacity Gained (Elrangs)	

# of RMU's Needed		# of RMU's Needed	
RMU Capacity Gained (BHCA)		RMU Capacity Gained (BHCA)	
RMU MAX Capacity Gained (Elrangs)		RMU MAX Capacity Gained (Elrangs)	

# of CM's Needed	
CM Capacity Gained (BHCA)	
CM MAX Capacity Gained (Elrangs)	

RESULTS

ESEL (Voice) Erlang Capacity (max)	
ESEL Shelves	
SEL Shelves	
# of SBS Racks	

DTC's	
MCTM Frames	
ECAU's	
ECAUcap(max)	
ECIU's	
ECIUcap(max)	
RMU's	
RMUcap(max)	
CM's	
CMcap(max)	

Max BTS capacity			see ATM TAB

BSC 1		BSC 2	
	Erlang Demand		Erlang Demand
	BTS		BTS
	SMS %		SMS %
	IWF Erlangs		IWF Erlangs
	AHT(sec.)		AHT(sec.)
	GOS %		GOS %
	ECAUcap.(BHCA)		ECAUcap.(BHCA)
	ECIUcap.(BHCA)		ECIUcap.(BHCA)
	RMUcap.(BHCA)		RMUcap.(BHCA)
	# of DISCO's		# of DISCO's

Cmcap (BHCA)	
ATM	
BTS LOAD factor	
ISSHO %	

AHT(hrs.)		AHT(hrs.)	
	Erlang Capacity @ 70% Eng. Factor		Erlang Capacity @ 70% Eng. Factor
	SMS Erlangs		SMS Erlangs
	Total Voice Erlang Capacity needed		Total Voice Erlang Capacity needed
	# of Selector Elements (Circuits)		# of Selector Elements (Circuits)
	# of ESEL Shelves		# of ESEL Shelves
	# of SEL Shelves		# of SEL Shelves
	# of SBS Racks		# of SBS Racks
	Total ESEL selector elements Gained		Total ESEL selector elements Gained
	Total ESEL Voice Erlang Max Capacity		Total ESEL Voice Erlang Max Capacity
	Total SBS T1's		Total SBS T1's
	Total PSTN T1's		Total PSTN T1's

	# of DTC's needed
	# of MCTM Frames

	BSC BHCA		BSC BHCA
	# of ECAU's Needed		# of ECAU's Needed
	ECAU Capacity Gained (BHCA)		ECAU Capacity Gained (BHCA)
	ECAU MAX Capacity Gained (Elrangs)		ECAU MAX Capacity Gained (Elrangs)
	# of ECIU's Needed		# of ECIU's Needed
	ECIU Capacity Gained (BHCA)		ECIU Capacity Gained (BHCA)
	ECIU MAX Capacity Gained (Elrangs)		ECIU MAX Capacity Gained (Elrangs)
	# of RMU's Needed		# of RMU's Needed
	RMU Capacity Gained (BHCA)		RMU Capacity Gained (BHCA)
	RMU MAX Capacity Gained (Elrangs)		RMU MAX Capacity Gained (Elrangs)

	# of CM's Needed
	CM Capacity Gained (BHCA)
	CM MAX Capacity Gained (Elrangs)

	ESEL (Voice) Erlang Capacity (max)
	ESEL Shelves
	SEL Shelves
	# of SBS Racks
	DTC's
	MCTM Frames
	ECAU's
	ECAUcap(max)
	ECIU's
	ECIUcap(max)
	RMU's
	RMUcap(max)
	CM's
	CMcap(max)

	Max BTS capacity		see ATM TAB

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BSC 1	
	Erlang Demand
	BTS
	SMS %
	IWF Erlangs
	AHT(sec.)
	GOS %
	ECAUcap.(BHCA)
	ECIUcap.(BHCA)
	RMUcap.(BHCA)
	# of DISCO's

BSC 2	
	Erlang Demand
	BTS
	SMS %
	IWF Erlangs
	AHT(sec.)
	GOS %
	ECAUcap.(BHCA)
	ECIUcap.(BHCA)
	RMUcap.(BHCA)
	# of DISCO's

Cmcap (BHCA)	
ATM	
BTS LOAD factor	
ISSHO %	

AHT(hrs.)

AHT(hrs.)

	Erlang Capacity @ 70% Eng. Factor
	SMS Erlangs
	Total Voice Erlang Capacity needed
	# of Selector Elements (Circuits)
	# of ESEL Shelves
	# of SEL Shelves
	# of SBS Racks
	Total ESEL selector elements Gained
	Total ESEL Voice Erlang Max Capacity
	Total SBS T1's
	Total PSTN T1's

	Erlang Capacity @ 70% Eng. Factor
	SMS Erlangs
	Total Voice Erlang Capacity needed
	# of Selector Elements (Circuits)
	# of ESEL Shelves
	# of SEL Shelves
	# of SBS Racks
	Total ESEL selector elements Gained
	Total ESEL Voice Erlang Max Capacity
	Total SBS T1's
	Total PSTN T1's

	# of DTC's needed
	# of MCTM Frames

	BSC BHCA

	BSC BHCA

	# of ECAU's Needed
	ECAU Capacity Gained (BHCA)
	ECAU MAX Capacity Gained (Elrangs)

	# of ECAU's Needed
	ECAU Capacity Gained (BHCA)
	ECAU MAX Capacity Gained (Elrangs)

	# of ECIU's Needed
	ECIU Capacity Gained (BHCA)
	ECIU MAX Capacity Gained (Elrangs)

	# of ECIU's Needed
	ECIU Capacity Gained (BHCA)
	ECIU MAX Capacity Gained (Elrangs)

	# of RMU's Needed
	RMU Capacity Gained (BHCA)
	RMU MAX Capacity Gained (Elrangs)

	# of RMU's Needed
	RMU Capacity Gained (BHCA)
	RMU MAX Capacity Gained (Elrangs)

	# of CM's Needed
	CM Capacity Gained (BHCA)
	CM MAX Capacity Gained (Elrangs)

Results

	ESEL (Voice) Erlang Capacity (max)
	ESEL Shelves
	SEL Shelves
	# of SBS Racks

	DTC's
	MCTM Frames
	ECAU's
	ECAUcap(max)
	ECIU's
	ECIUcap(max)
	RMU's
	RMUcap(max)
	CM's
	CMcap(max)

	Max BTS capacity

see ATM TAB

BSC 1

Erlang Demand	
BTS	
SMS %	
IWF Erlangs	
AHT(sec.)	
GOS %	
ECAUcap.(BHCA)	
ECIUcap.(BHCA)	
RMUcap.(BHCA)	
# of DISCO's	

Cmcap.(BHCA)	
ATM	
BTS LOAD factor	
ISSHO %	

AHT(hrs.)

Erlang Capacity @ 70% Eng. Factor	
SMS Erlangs	
Total Voice Erlang Capacity needed	
# of Selector Elements (Circuits)	
# of ESEL Shelves	
# of SEL Shelves	
# of SBS Racks	
Total ESEL selector elements Gained	
Total ESEL Voice Erlang Max Capacity	
Total SBS T1's	
Total PSTN T1's	

# of DTC's needed	
# of MCTM Frames	

BSC BHCA

# of ECAU's Needed	
ECAU Capacity Gained (BHCA)	
ECAU MAX Capacity Gained (Elrangs)	

# of ECIU's Needed	
ECIU Capacity Gained (BHCA)	
ECIU MAX Capacity Gained (Elrangs)	

# of RMU's Needed	
RMU Capacity Gained (BHCA)	
RMU MAX Capacity Gained (Elrangs)	

# of CM's Needed	
CM Capacity Gained (BHCA)	
CM MAX Capacity Gained (Elrangs)	

BSC 2

Erlang Demand	
BTS	
SMS %	
IWF Erlangs	
AHT(sec.)	
GOS %	
ECAUcap.(BHCA)	
ECIUcap.(BHCA)	
RMUcap.(BHCA)	
# of DISCO's	

AHT(hrs.)

Erlang Capacity @ 70% Eng. Factor	
SMS Erlangs	
Total Voice Erlang Capacity needed	
# of Selector Elements (Circuits)	
# of ESEL Shelves	
# of SEL Shelves	
# of SBS Racks	
Total ESEL selector elements Gained	
Total ESEL Voice Erlang Max Capacity	
Total SBS T1's	
Total PSTN T1's	

BSC BHCA

# of ECAU's Needed	
ECAU Capacity Gained (BHCA)	
ECAU MAX Capacity Gained (Elrangs)	

# of ECIU's Needed	
ECIU Capacity Gained (BHCA)	
ECIU MAX Capacity Gained (Elrangs)	

# of RMU's Needed	
RMU Capacity Gained (BHCA)	
RMU MAX Capacity Gained (Elrangs)	

ESEL (Voice) Erlang Capacity (max)	
ESEL Shelves	
SEL Shelves	
# of SBS Racks	

DTC's	
MCTM Frames	
ECAU's	
ECAUcap(max)	
ECIU's	
ECIUcap(max)	
RMU's	
RMUcap(max)	
CM's	
CMcap(max)	

Max BTS capacity

see ATM TAB

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market   Cascade ID   Candidate   Carrier #   Estimated On Air   Actual On Air   Latitude   Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market   Cascade ID   Candidate Carrier #   Estimated On Air Actual On Air Latitude   Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market   Cascade ID   Candidate Carrier #   Estimated On Air Actual On Air Latitude   Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude

Market	Cascade ID	Candidate	Carrier #	Estimated On Air	Actual On Air	Latitude	Longitude