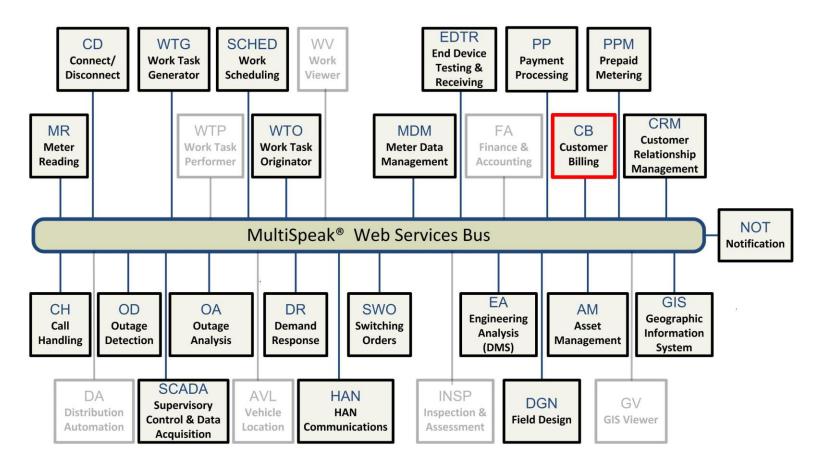
## **Customer Billing (CB) Interface Chart**

(Version 4.1.6 Release, August 31, 2012)



Method	CB-DR	CB-MR	CB-CD	СВ-СН	СВ-ОА	CB-GIS	СВ-ЕА	CB- CRM	CB- OD	CB- PP	CB- PPM	CB- MDM	CB- DGN	CB- EDTR	CB- SCADA	CB- SCHED	CB- WTG	CB- WTO	CB- SWO	CB- HAN	CB- AM	NOT
AdjustPPMBalance											REC	OPT										
AssignmentNotification																REC						OPT
CDDeviceExchangeNotification			OPT									OPT										OPT
CDDeviceInstalledNotification			OPT									OPT										OPT
CDStateChangedNotification			REC								REC	REC										OPT

CDStateNotification			REC									REC								OPT
CDStatesChangedNotification			REC								REC	REC								OPT
CDStatesNotification			REC									REC								OPT
CommitPaymentTransaction										REC	REC	REC								
CriticalPeakPriceEventNotification	OPT											OPT								
DemandResponseEventNotification	OPT											OPT								
DemandResponseSetupNotification	OPT											ОРТ								
DRProgramAddNotification														REC						
DRProgramChangedNotification														REC						
DRProgramRescindedNotification														REC						
EndDeviceShipmentNotification												OPT	ОРТ							OPT
ExtendPayment										REC										
FormattedBlockNotification		REC										REC								ОРТ
GetAccountByMeterID	REC	REC	REC	REC	REC	REC		REC	REC		REC	REC								
GetAccountByServiceLocationIDAndServiceType	REC	REC	REC	REC	REC	REC		REC	REC		REC	REC								
GetAccountsByCustomerID	REC	REC	REC	REC	REC	REC		REC	REC		REC	REC								
GetAllAccounts	REC	REC	REC	REC	REC	REC		REC	REC		REC	REC								
GetAllConnectDisconnectEventsByReasonCode					OPT							ОРТ								
GetAllCustomers	REC	REC	REC	REC	REC	REC		REC	REC	OPT	OPT	REC								
GetAllCustomersByServiceType		OPT										ОРТ								
GetAllElectricMeters		OPT										ОРТ							OPT	
GetAllGasMeters		OPT										ОРТ							OPT	
GetAllMeters		REC	OPT	OPT	REC							OPT								
GetAllMetersByAccountNumber		OPT										ОРТ							OPT	
GetAllMetersByServiceType		OPT										ОРТ							OPT	
GetAllOtherMeters		OPT										ОРТ							OPT	
GetAllPolesFromCB						OPT													OPT	
GetAllPropaneMeters		OPT										ОРТ							OPT	
GetAllSecurityLights						OPT													OPT	
GetAllServiceLocations	REC	REC		REC	REC	REC		REC	REC	OPT	OPT	REC								
GetAllServiceLocationsByServiceType		OPT										ОРТ								
GetAllStreetLights						OPT													OPT	
GetAllTransformerBanksFromCB						REC		REC											OPT	
		•	•	•				•	•						•	•	•	•	 	

T T														1	1				
GetAllWaterMeters		OPT	'	<u> </u>	'	<u> </u>	<u> </u>	<u> </u>		'		OPT						OPT	
GetBilledUsage			'	ļ!	'	'	REC	REC		<u> </u>	OPT	REC							
GetBillingAccountLoadDataByMonth							REC	<u> </u>		<u> </u>									
GetBillingData			<u> </u>					'		'	OPT	OPT							
GetBillingDetail			<u> </u>		<u> </u>					'	OPT	OPT							
GetChargeableDevicesByAccountNumber											REC	REC							
GetConvenienceFees										REC									
GetCustomerByCustomerID	REC	REC	REC	REC	REC	REC		REC	REC	OPT	OPT	REC							
GetCustomerByDBAName		OPT	OPT	OPT	ОРТ		<u> </u>	REC	OPT	OPT	OPT	OPT							
GetCustomerByHomePhone				OPT						'									
GetCustomerByMeterID		OPT	OPT	<u> </u>	<u> </u>		<u> </u>	REC	OPT	OPT	OPT	OPT						OPT	
GetCustomerByName		OPT	OPT					REC	OPT	OPT	OPT	OPT							
GetDRProgramEnrollmentsByStatus	REC											REC		REC					
GetElectricMetersByAccountNumber		OPT								'  '		OPT							
GetGasMetersByAccountNumber		OPT	<u> </u>		<u> </u>					 		OPT							
GetHANDeviceGroupMembers	OPT											OPT					OPT	OPT	
GetHANDeviceGroupNames	OPT									'  '		OPT					OPT	OPT	
GetHANDeviceGroupNamesByHANDeviceID	OPT									' '		OPT					ОРТ	ОРТ	
GetIHDGroupMembers			OPT		<u> </u>					 	OPT	OPT					ОРТ		
GetIHDGroupNames			OPT							'	OPT	OPT					OPT		
GetIHDGroupNamesByInHomeDisplayID			OPT		<u> </u>					 	OPT	OPT					OPT		
GetMeterBaseByObjectID							OPT					OPT						OPT	
GetMeterByCustomerID		REC	REC	REC	REC	REC			REC	OPT	OPT	REC							
GetMeterByMeterID		REC	REC	REC	REC	REC	OPT		REC	OPT	OPT	REC						ОРТ	
GetMeterByServiceLocationID		REC	REC	REC	REC	REC			REC	OPT	OPT	REC						ОРТ	
GetMeterByTransponderID			<u> </u>							 		OPT						OPT	
GetMeterGroupMembers		OPT	<u> </u>		<u> </u>					 		OPT							
GetMeterGroupNames		OPT	'	 	!					'  '		OPT							
GetMeterGroupNamesByMeterID		OPT										OPT							
GetMeterHistoryByMeterID		OPT	<u> </u>		<u> </u>					 		OPT						ОРТ	
GetMetersByAccountNumberAndServiceType		REC	REC	REC	REC	REC			REC	OPT	OPT	REC							
GetMetersByAMRType		OPT								OPT	OPT	OPT							
GetMetersByCustomerName		OPT	1		1					'		OPT							

														,			 		
GetMetersByEALocation		OPT	<u> </u>	<u> </u>	<u> </u>	<u> </u>				<u> </u>		OPT							
GetMetersByFacilityID		OPT	<u> </u>	<u> </u>	'	<u> </u>			'	'		OPT							
GetMetersByHomePhone		OPT	<u> </u>	<u> </u>	'	<u> </u>			'			OPT						<u> </u>	
GetMetersByMeterConnectionStatus					REC							OPT							
GetMetersBySearchString	 	OPT	'									OPT							
GetMetersBySiteID		OPT										OPT							
GetModifiedCustomers	OPT	OPT	OPT	OPT	OPT	OPT			ОРТ	OPT	ОРТ	OPT							,
GetModifiedMeters		OPT	OPT	OPT	OPT	OPT	ОРТ		ОРТ	OPT	ОРТ	OPT						ОРТ	
GetModifiedPolesFromCB	 					OPT												ОРТ	
GetModifiedServiceLocations	OPT	OPT	OPT	OPT	OPT	OPT			ОРТ	OPT	ОРТ	OPT							
GetModifiedTransformerBanksFromCB					'	OPT												OPT	
GetNextNumber													OPT					ОРТ	
GetPayableItemsList										REC									
GetPoleByPoleNumberFromCB						OPT												OPT	
GetPPMBalanceAdjustments											OPT	OPT							
GetPPMCustomer											REC	REC							
GetPPMPayments	 										ОРТ	OPT							
GetProject															OPT				
GetPropaneMetersByAccountNumber		OPT										OPT							
GetServiceLocationByAccountNumber		REC	REC	REC	REC	REC		REC	REC	OPT	OPT	REC							
GetServiceLocationByCustomerID		REC	REC	REC	REC	REC		REC	REC	OPT	OPT	REC							
GetServiceLocationByGridLocation		OPT	OPT			OPT			ОРТ	OPT	ОРТ	OPT							
GetServiceLocationByLoadGroup	 	OPT								OPT	ОРТ	OPT							
GetServiceLocationByMeterID		OPT	OPT	OPT	OPT					OPT	ОРТ	OPT							
GetServiceLocationByPhaseCode		ОРТ								ОРТ	ОРТ	OPT						1 ]	
GetServiceLocationByServiceLocationID	REC	REC	REC	REC	REC	REC		REC	REC	OPT	ОРТ	REC							
GetServiceLocationByServiceStatus		OPT	OPT	OPT	REC				OPT	OPT	OPT	OPT						1 ]	
GetServiceLocationByServiceType		OPT						REC		OPT	OPT	OPT							
GetServiceLocationByShutOffDate		OPT		OPT						OPT	OPT	OPT			 	 			
GetServiceLocationIDByAccountNumber				REC	REC							REC							
GetServiceLocationIDByHomePhone				REC	REC							REC						1 ]	
GetServiceLocationIDByMeter	 	<u> </u>	'	REC								REC							
GetServiceOrderByServiceOrderID		OPT	1									OPT			REC			ОРТ	

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Section former signaling Meads (Private City   10   10   10   10   10   10   10   1	GetServiceOrdersByServiceLocation		OPT								OPT		REC				OPT	
Metalestate	GetServiceOrdersByStatus		OPT								OPT		REC				OPT	
ARC	GetTransformerBankByBankIDFromCB					REC		REC									OPT	
CetUsageDyMorth	GetTransformerBankByUnitIDFromCB					REC		REC									OPT	
Set	GetUsageByAccountNumber					REC		REC										
RetUsageRéféreix (contamination of the contamination of the contaminatio	GetUsageByMeterID					REC		REC										
Certival or Meter Seley Account Number   OPT	GetUsageByMonth					REC		REC										
AAACommissioningshotification	GetUsageByServiceLocationID					REC		REC										
NAMPRIGNED   NAMPRIGNED   NAMPRIGNED   NAMPRIGNED   NOT	GetWaterMetersByAccountNumber		OPT								ОРТ						OPT	
ANRegistrationNotification	HANCommissioningNotification										ОРТ					ОРТ		OPT
HistoryLogChangedNotification   OPT	HANPricingNotification										ОРТ					OPT		OPT
HDCapability-ettings/Notification	HANRegistrationNotification									OPT	ОРТ					OPT		OPT
HDMessageConfirmedNotification	HistoryLogChangedNotification		OPT								ОРТ							OPT
HOMESsageStatusNotification	IHDCapabilitySettingsNotification									OPT	ОРТ					OPT		OPT
IntomeDisplayExchangeNotification	IHDMessageConfirmedNotification									OPT	ОРТ					OPT		OPT
IntoneDisplayInstalledNotification	IHDMessageStatusNotification									OPT	ОРТ					OPT		OPT
InitiateWorkRequest IntervalDataNotification REC	InHomeDisplayExchangeNotification		OPT							OPT	ОРТ							OPT
IntervalDataNotification REC DPT	InHomeDisplayInstalledNotification		OPT							OPT	ОРТ							OPT
LMDeviceExchangeNotification OPT	InitiateWorkRequest													REC				
LMDeviceInstalledNotification OPT	IntervalDataNotification		REC								REC							OPT
LoadCycleTiersChangedNotification REC REC REC OPT	LMDeviceExchangeNotification	OPT									ОРТ							OPT
LoadProfileChangedNotification REC	LMDeviceInstalledNotification	OPT									ОРТ							OPT
ManufacturerSpecificCommandNotification OPT	LoadCycleTiersChangedNotification									OPT	ОРТ					OPT		OPT
MeterBaseExchangeNotification OPT	LoadProfileChangedNotification		REC								REC							OPT
MeterBaseInstalledNotification OPT	ManufacturerSpecificCommandNotification									OPT	ОРТ					OPT		OPT
MeterConfigurationNotification OPT OPT OPT OPT OPT OPT OPT OPT OPT MeterEventNotification REC OPT MeterExchangeNotification OPT REC REC OPT MeterExchangeNotification REC REC REC OPT REC OPT REC REC OPT MeterExchangeNotification REC REC REC OPT REC OPT	MeterBaseExchangeNotification		OPT								ОРТ							OPT
MeterConnectivityNotification OPT	MeterBaseInstalledNotification		OPT								ОРТ							OPT
MeterEventNotification REC REC REC REC OPT  MeterExchangeNotification OPT OPT  MeterExchangedNotification REC REC REC OPT  MeterExchangedNotification REC REC OPT  MeterExchangedNotification REC REC OPT  MeterExchangedNotification REC OPT  MeterEx	MeterConfigurationNotification		OPT								ОРТ							
MeterExchangeNotification OPT	MeterConnectivityNotification						ОРТ				ОРТ							OPT
MeterExchangedNotification REC REC	MeterEventNotification		REC							REC	REC					REC		OPT
	MeterExchangeNotification		OPT								ОРТ							OPT
MeterInstalledNotification REC REC OPT	MeterExchangedNotification		REC								REC							
	MeterInstalledNotification		REC								REC							OPT

MeterTestNotification												REC		REC							OPT
ModifyCBDataForCustomer		OPT	OPT	OPT	OPT	OPT		OPT	OPT	OPT	OPT	OPT									
ModifyCBDataForMeters		OPT		OPT	OPT	OPT		OPT	OPT	OPT	OPT	OPT									
ModifyCBDataForPole						OPT															
ModifyCBDataForSecurityLight						OPT															
ModifyCBDataForServiceLocations		OPT	OPT	OPT	OPT	OPT		OPT	OPT	OPT	OPT	OPT									
ModifyCBDataForStreetLight						OPT															
ModifyCBDataForTransformerBank						OPT		OPT													
ModifyCBDataForUsage						OPT		OPT													
PoleChangedNotification						OPT															OPT
PricingTiersChangedNotification											OPT	OPT							OPT		OPT
ProcessPaymentTransaction										REC											
ReadingChangedNotification		OPT										OPT									OPT
ReadingScheduleResultNotification		OPT										OPT									ОРТ
RequestPaymentExtension										REC											
ReturnGeneratedNumber													ОРТ							ОРТ	
ServiceLocationNetworkChangedNotification						REC															OPT
SurgeArrestorChangedNotification						OPT														ОРТ	ОРТ
SwitchingOrderChangedNotification																		OPT			ОРТ
TaskListNotification																REC				ОРТ	OPT
TemperatureTiersChangedNotification											ОРТ	OPT							OPT		OPT
ThermostatConfigurationNotification												OPT							ОРТ		OPT
ThermostatScheduleConfirmedNotification												OPT							OPT		OPT
ThermostatScheduleNotification												OPT							OPT		OPT
TransformerBankChangedNotification						REC		OPT												ОРТ	ОРТ
UsageMonitoringNotification		REC										REC									OPT
WriteAccountHistoryComments				OPT																	
Discovery																					
DomainMembersChangedNotification	OPT	OPT	ОРТ	ОРТ	OPT	ОРТ	OPT	OPT	OPT	ОРТ	ОРТ	ОРТ	ОРТ	ОРТ	OPT	OPT	OPT	OPT	OPT	ОРТ	
DomainNamesChangedNotification	OPT	OPT	OPT	ОРТ	OPT	OPT	OPT	OPT	OPT	ОРТ	ОРТ	ОРТ	ОРТ	ОРТ	OPT	OPT	OPT	OPT	ОРТ	ОРТ	
GetDomainMembers	OPT	OPT	ОРТ	ОРТ	OPT	ОРТ	OPT	OPT	OPT	ОРТ	ОРТ	ОРТ	ОРТ	ОРТ	OPT	OPT	OPT	OPT	OPT	ОРТ	

GetDomainNames	OPT	OPT	OPT	OPT	ОРТ	OPT	ОРТ	OPT													
GetMethods	REQ																				
GetPublishMethods	REC																				
Subscription and Network Management																					
GetRegistrationInfoByID	REC																				
RegisterForService	REC																				
RequestRegistrationID	REC																				
UnregisterForService	REC																				
PingURL	REQ																				

REQ - Inclusion is required for this interface.

REC - Inclusion is recommended for this interface.

OPT – Inclusion is optional for this interface.

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