

SMS Broker System
Software Integration

Our system uses
WCF
(Windows Communication Foundation)
&
.NET

Changes in documentation.

(ver. from 5/26/2026)

Document	Date	Item	Changes.
00. References.pdf	12/18/2024	2. Classes.	1. EntityStatus class marked as obsolete. 2. EntityLastStatus class reference added.
01. Getting Started With SMS API.pdf		5.1 Basic framework.	1. "...incoming message adds new (current)..." changed to "...incoming message adds new (current) status as last status..." 2. Note 2. - Explanation about Statuses changed to explanation about LastStatuses. 3. Note 4. Events – comparison between Statuses and Events changed to comparison between LastStatuses and Events.
		6.1 Document and directory exceptions handling.	1. "Each status record (<i>See Note 2. Statuses. above</i>) on error case contains validation result of related operation. The result is placed to status object's Text property." changed to "Each last status record (<i>See Note 2. LastStatuses. above</i>) on error case contains validation result of related operation. The result is placed to last status object's Text property."
02. Annex. Getting Started With SMS API.pdf		7. How to get a validation result of asynchronous sent.	Sample method FaultException< EntryValidationFault > GetPutToQUEFault(long CeentryId) fixed to reflect the transition from EntityStatus to EntityLastStatus class usage.
03. Customs entry classes and interfaces. Part 1.pdf		1. Customs Entry.	1. A description of LastStatuses collection added to CustomsEntry class description. 2. CustomsEntry class Statuses collection property marked as obsolete. 3. "...see all changes in Customs Entry document <i>last</i> status..." changed to "...see all changes in Customs Entry document status..."
		2. Shipment.	1. A description of LastStatuses collection added to Shipment class description. 2. Shipment class Statuses collection property marked as obsolete.

05. Common usage classes and interfaces. Part 1.pdf		1. Special Notes.	1. 3. Statuses and Events – changed to 3. Last Statuses and Events. Also changes in a related text reflect a transition from EntityStatus class to EntityLastStatus class usage.
		5. Entity Last Status.	1. 5. Entity Status – item removed because Status class is unusable now. 2. 5. Entity Last Status – item added.
10. Importer Security Filing classes and interfaces.pdf		2. Importer Security Filing.	1. A description of LastStatuses collection added to ImporterSecurityFiling class description. 2. ImporterSecurityFiling class Statuses collection property marked as obsolete. 3. "...see all changes in ISF document status..." changed to "...see all changes in ISF document last status..."
13. Annex. AMS Query. SOAP messaging.pdf		2.2 GetAnswers() method.	1. <a:StatusSubject>CQ</a:StatusSubject> changed to <a:LastStatusSubject>CQ</a:LastStatusSubject>
		2.3 GetABIEvents() method.	1. <a:Status z:Id="i2"> changed to <a:LastStatus z:Id="i2"> 2. </a:Status> changed to </a:LastStatus> 3. <a:Status_Id>143109</a:Status_Id> changed to <a:LastStatus_Id>143109</a:LastStatus_Id>
16. Importer Security Filing. SOAP messaging.pdf		10.1 Get() method.	1. <include>LastStatuses</include> changed to <include>LastStatuses</include> 2. Input parameters "...property returned by server. Here it is a Statuses collection that can be..." changed to "...property returned by server. Here it is a LastStatuses collection that can be..." 3. Output parameters. Changes in a related text reflect a transition from EntityStatus class to EntityLastStatus class usage.
17. Annex. Importer Security Filing. SOAP messaging.pdf		7.1 Get() method.	1. <a:Statuses xmlns:b="http://schemas.datacontract.org/2004/07/MS.Broker.DataContracts.Common"> <b:EntityStatus z:Id="i2"> changed to <a:LastStatuses xmlns:b="http://schemas.datacontract.org/2004/07/MS.Broker.DataContracts.Common"> <b:EntityStatus z:Id="i2"> 2. </b:EntityStatus> <b:EntityLastStatus z:Id="i3"> changed to </b:EntityLastStatus> <b:EntityLastStatus z:Id="i3"> 3. </a:LastStatuses> changed to </a:LastStatuses>

05. Common usage classes and interfaces. Part 1.pdf	1/19/2025	2. Entity Event.	List of properties and list of interface methods were augmented.
06. Contact classes and interfaces. Part 1.pdf	2/10/2025	2.Contact	GetByNumber() method added.
14. Importer Query. SOAP messaging.pdf			Document added.
15. Annex. Importer Query. SOAP messaging.pdf			Document added.
05. Common usage classes and interfaces. Part 1.pdf	2/25/2025		Document name changed to <i>05. Base, common usage classes and interfaces.pdf</i> All related references also changed.
05. Base, common usage classes and interfaces.pdf			2. <i>Base classes</i> item added. It describes EntityBase , EntityDirectory , EntityDocument and EntityChild classes and their interfaces.
05. Base, common usage classes and interfaces.pdf			3. <i>Sequences</i> item added.
20. In-Bond classes and interfaces.pdf	4/29/2025		Document added.
21. Annex. 20. In-Bond classes and interfaces.pdf			Document added.
20. In-Bond classes and interfaces.pdf	5/7/2025	1. In-Bond.	1. "The code of a domestic port of unloading." changed to "Domestic port of unloading."
22. Foreign Trade Zone classes and interfaces.pdf	8/28/2025		Document added.
00. References.pdf	8/28/2025	1. Documents.	22. Foreign Trade Zone classes and interfaces.pdf document added.
		2. Classes.	FTZ classes added.
08. Annex. ABI classes and interfaces.pdf	8/28/2025	2. ISmsABIManager PutToQueue() and PutToQueueOneWay() parameters.	Equivalent enumerator values for FTZ actions added to table.
20. In-Bond classes and interfaces.pdf	8/31/2025	1. In-Bond. 2. In-Bond Update/Transfer.	1. "On the table bellow you can see all changes in ISF document..." changed to "On the table bellow you can see all changes in In-Bond document..."
All documents.			Added and fixed URL-s.
23. Statement classes and interfaces.pdf	11/3/2025		Document added.
00. References.pdf	11/3/2025	1. Documents.	23. Statement classes and interfaces.pdf
		2. Classes.	Statement classes added.
01. Getting Started With SMS API.pdf	11/15/2025	2. Client Context. 4. Service Contract classes.	Multiply connection case added. Multiply connection case added.
22. Foreign Trade Zone classes and interfaces.pdf		2. FTZ workflow.	Removed level 4 (Container) for Action Code K - "Operator can transmit Permit to Transfer Cancel (ePTT Cancellation)" for Standard and Direct Delivery Admissions.

06. Contact classes and interfaces. Part 1.pdf		2. Contact.	Reference [2] fixed. “Method is used” changed to “Methods are used...”, “Parameters:” changed to “Their parameters.” 2. Enumerators for PutToQueueOneWay() method <code>Contact.ActionQUE.AddManufacturerNameAddressIfNeed</code> and <code>Contact.ActionQUE.ImporterBondQueryNameAndAddress</code> added.
08. Annex. ABI classes and interfaces.pdf		2. ISmsABIManager PutToQueue() and PutToQueueOneWay() parameters.	Enumerators <code>Contact.ActionQUE.ImporterBondQuery</code> <code>Contact.ActionQUE.ImporterBondQueryNameAndAddress</code> added to “Equivalent enumerator value” column.
03. Customs entry classes and interfaces. Part 1.pdf	11/16/2025	1. Customs Entry.	<code>GetPreliminaryStatementDates()</code> method added.
03. Customs entry classes and interfaces. Part 1.pdf	1/10/2026	1. Customs Entry.	Mistake (absent text). Before “By this method on...” added a missing text. b) For Save(<code>CustomsEntry</code> entity) method Importer and EntryType properties are required. Carrier property is required for Air, Sea and Rail transportation modes.
24. Accounts Receivable classes and interfaces.pdf	1/12/2026		Document added.
25. Annex. Accounts Receivable classes and interfaces.pdf	1/12/2026		Document added.
00. References.pdf	1/12/2026	1. Documents.	24. Accounts Receivable classes and interfaces.pdf added. 25. Annex. Accounts Receivable classes and interfaces.pdf added.
		2. Classes.	Accounts Receivable classes added.
12. AMS Query. SOAP messaging	1/19/2026	3.1PutToQueue_Cargo ManifestEntryReleaseQuery_InBond() method.	Mistake: http://smssystem.logisticaldatasolutions.com:8110/BrokerService/ABITransmissionManager/MEX changed to http://smssystem.logisticaldatasolutions.com:8110/BrokerService/SmsABIManager/MEX
07. ABI classes and interfaces.pdf	1/22/2026	3. ABI SMS Manager.	Mistake: <code>PutToQueue_CargoManifestEntryReleaseQuery_Bill(string SCAC, string billNumber, bool requestBOLEntryData, string clientRef = null)</code> changed to <code>PutToQueue_CargoManifestEntryReleaseQuery_Bill(string SCAC, string billNumber, bool requestRelatedBOL, string clientRef = null)</code>
01. Getting Started With SMS API.pdf	1/24/2026	6.4 Time zones.	Item added.
08. Annex. ABI classes and interfaces.pdf	1/30/2026	2. ISmsABIManager PutToQueue() and PutToQueueOneWay() parameters.	Mistake: “Creates query document and returns only Bond info (without Name and Address).” changed to “Creates query document and returns Bond and Name / Address info without adding a new contact to database.”

			Parameter missing. Fixed. "ImporterNumber" added to "Other parameters" column for "KI" application with "QN" Action parameter.
		3.3 Importer Name / Bond query without adding an importer contact to database.	Item added.
24. Accounts Receivable classes and interfaces.pdf	2/4/2026	3. Cash Receipt.	Mistake: "a) New(long? SourceId) Method returns a new CustomerInvoice " changed to "a) New(long? SourceId) Method returns a new CashReceipt "
		4. Charge.	Mistake: "CashReceipt object represents a cash receipt document." changed to "Charge object represents a charge that is used in customer invoice detail."
			Reference [1] was added for Type property.
26. Reporting classes and interfaces.pdf	2/4/2026		Document added.
00. References.pdf	2/4/2026	1. Documents.	26. Reporting classes and interfaces.pdf added.
		2. Classes.	AR reporting classes added.
16. Importer Security Filing. SOAP messaging.pdf	2/10/2026	2.1 The workflow more detailed.	Mistake: "Here we add 10) item and finally have:" changed to "Here we add 8) item and finally have:"
22. Foreign Trade Zone classes and interfaces.pdf	5/23/2026	4. FTZe214.	1. Mistake: " [1] – The features of FTZe214 those differ from other Operation Contract inherited classes." changed to " [1] – The features of IFTZe214Manager those differ from other Operation Contract inherited classes." 2. Mistake: "a) New(long? SourceId) method returns a new IFTZe214Manager class object." changed to "a) New(long? SourceId) method returns a new FTZe214 class object."
20. In-Bond classes and interfaces	5/23/2026	1. In-Bond.	Mistake: "a) New(long? SourceId) method returns a new IInBondManager class object. Its number will be assigned by "InBond" sequence. b) For Save(IInBondManager entity) method InBondEntryType and ConveyanceType properties are required. In a general case by this method on the server side the IInBondManager object's record will be saved with the records corresponded to the follow collections:" changed to "a) New(long? SourceId) method returns a new

			<p>InBond class object. Its number will be assigned by “InBond” sequence.</p> <p>b) For Save(InBond entity) method InBondEntryType and ConveyanceType properties are required.</p> <p>In a general case by this method on the server side an InBond object’s record will be saved with the records corresponded to the follow collections:”</p>
08. Annex. ABI classes and interfaces.pdf	5/23/2026	2. ISmsABIManager PutToQueue() and PutToQueueOneWay() parameters.	<p>1. PutToQueue() method parameters added for PGA Data Corrections ABI application.</p> <p>2. Text added: “In general “Class” column defines an object type for the link.”</p>
27. PGA classes and interfaces.pdf	5/25/2026		Document added.
28. Annex. PGA classes and interfaces.pdf	5/25/2026		Document added.
00. References.pdf	5/25/2026	1. Documents.	<p>27. PGA classes and interfaces.pdf added.</p> <p>28. Annex. PGA classes and interfaces.pdf added.</p>
		2. Classes.	<p>Mistake: Class PGAAgencyTariffCode - redundant reference. Removed from Class table.</p> <p>PGA classes added.</p>
25. Annex. Accounts Receivable classes and interfaces.pdf	5/25/2026	6. How to get posted / unposted customer invoices.	Item added.