ILS Web Services Software Development Kit (SDK)

Version 2.3

Last Updated: February 17, 2014

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Introduction

Welcome to the ILS Web Services Software Development Kit (SDK). This document provides information to assist you in the development of your solution utilizing ILS Web Services.

The ILS Web Services available to your organization depend upon your subscription level. Please contact your ILS Salesperson for additional information.

DOCUMENT REVISION HISTORY

Document Version	Date	Summary of Changes
2.3	2/17/2014	Added QuotePriceType to Quote services. Added SendMessageBroadcast to the Marine Buyer Bundle section Changed request field order and other general corrections
2.2	9/11/2013	Added Marine Buyer Bundle section and revised remaining sections to support the addition of Marine capabilities, where applicable.
2.1	5/20/2013	Corrected WSDL URL
2.0	4/10/2013	Document replaces the ILS Software Development Kit 1.4

SUPPORTED STANDARDS

ILS currently supports the following web services standards:

- SOAP 1.1
- WSDL 1.0

Support for other standards is planned in future releases.

WSDLS

Most ILS Web Services are defined by the following WSDL:

https://secure.ilsmart.com/services/v1/soap11

The **Parts Watch Web Services** are defined by the following WSDLs:

https://secure.ilsmart.com/webservices/marketplace/inventory/marketplace.inventory.part.wsdl
https://secure.ilsmart.com/webservices/_2010/_06/_01/streaming/report/partswatchreport.wsdl

Please see the Parts Watch Web Services section for additional information.

WEB SERVICES COMPATIBILITY

The web services outlined in this document may not be compatible with previous versions of the same services. It is strongly recommended to use the most current web services to ensure compatibility.

TEST CREDENTIALS

ILS Web Services use ILS User IDs and passwords for authentication and authorization. A web service will function in TEST MODE if it is called using the following credentials:

   User ID: TESTU01
   Password: WEBSERVICETEST

ILS Web Services do not return live data while in TEST MODE; they will return only static, sample data intended to verify connectivity and the validity of the request.

IMPORTANT
Do **NOT** develop your solution against the data provided in TEST MODE; otherwise, you will experience significant issues in the future that may require recoding of your solution. All development should adhere to the definitions provided in the WSDL and this document.

CUSTOMER SUPPORT

For ILS Web Services support, please contact us at:

   Phone: 1-901-794-5000 (Worldwide)
               1-800-233-3414 (North America)
   E-mail: custsppt@ilsmart.com

Search Web Services

PARTS AVAILABILITY WEB SERVICES

1. GetPartsAvailability

The **GetPartsAvailability** web service executes an ILSmart Parts Availability search for a part number, NIIN, NSN or up to five (5) keywords and returns the search results, including the corresponding Supplier contact information.

It can be used in conjunction with other services, such as **GetMrosAvailability** and **GetGovernmentData**, to retrieve additional information about the part, or the **SendPartsRFQ** web service to locate parts and create RFQs. (These web services are currently not available for Marine customers.)

Wild card searches (or open-dash searches) can be executed. Search results for wild card searches are restricted to the first 3,000 results.

a. GetPartsAvailability Request

The fields must be sent in the following order:

Field/Node	Required	Description
GetPartsAvailability		The **GetPartsAvailability** request is comprised of the following fields, which are described below: • ConditionCodes • Location • PartNumber • Password • Quantity • UseMcrlXref • UsePmaXref • UserId
ConditionCodes		Condition Codes You may specify one or more Condition Codes in the request to limit the number of responses received. You will only receive listings that match the condition code(s) specified. Leave the array blank or omit from the request to receive all condition codes.
Location		Location This is a place-holder field for future functionality.
PartNumber	Yes	Part Number
Password	Yes	Your ILSmart Password

Field/Node	Required	Description
Quantity		Quantity You may specify a quantity in the request to limit the number of responses received. You will only receive listings where the listed quantity is greater than or equal to the specified quantity. This field will default to one (1) if this field is left blank or omitted from the request.
UseMcrlXref		Run with MCRL Cross-Reference Valid values are **true** and **false**. The search will be executed without cross-reference if this field is omitted from the request. You must purchase the MCRL Cross-Reference option for the ILSmart UserID making the web service calls.
UsePmaXref		Run with PMA Cross-Reference Valid values are **true** and **false**. The search will be executed without cross-reference if this field is omitted from the request. You must purchase the PMA Cross-Reference option for the ILSmart UserID making the web service calls. This option is not available to Marine customers.
UserId	Yes	Your ILSmart ID

b. *GetPartsAvailability Response*

Field/Node	Description
GetPartsAvailabilityResponse	The **GetPartsAvailability** response is comprised of the following nodes, which are described below: • Fault • PartListings
Fault	See **Appendix A** for information regarding Fault Handling.
PartListings	The **PartListings** node describes the search results. This node may be repeated multiple times. It is comprised of the following nodes, which are described below: • Company • Parts

Field/Node	Description
Company	The **Company** node provides the Supplier contact information for the corresponding **Parts** node. It is comprised of the following fields and nodes, which are described below: • AccreditedVendorLevel • AdditionalInfo • CompanyAddress • Id • MroRfqContact • Name • PartsRfqContact • SalesContact • SupplierCAGE
AccreditedVendorLevel	Accredited Vendor Level indicator The Accredited Vendor Level (AVP) indicator denotes Suppliers who participate in the ILS Accredited Vendor Program. AVP Suppliers must meet certain requirements to qualify for the program. This field is not applicable to Marine customers.
AdditionalInfo	Additional Info Additional information from the Supplier that is typically displayed below the Company's name on the Parts Availability search results.
CompanyAddress	This node provides the Supplier's Company address information. It is comprised of the following fields, which are described below: • Address1 • Address2 • City • PostalCode • StateProvince
Address1	Address Line 1
Address2	Address Line 2
City	City
PostalCode	Postal / ZIP Code
StateProvince	State / Province Postal Abbreviation
Id	Supplier's ILSmart Company ID

Field/Node	Description
MroRfqContact	This node provides the Supplier's MRO RFQ Contact Information. It will only be returned if the **PartsRfqContact** and the **SalesContact** nodes are null. It is comprised of the following fields and nodes, which are described below: • CompanyId • ContactId • Email • Fax • Name • Phone • Title This node is not applicable to Marine customers.
CompanyId	Supplier's ILSmart Company ID
ContactId	MRO RFQ Contact ID The Contact ID is a unique id assigned to the MroRfqContact by ILS.
Email	MRO RFQ Contact Email Address
Fax	This node provides the Contact's fax information. It is comprised of the following fields, which are described below: • CountryCallingCode • FaxNumber
CountryCallingCode	Country Calling Code
FaxNumber	Fax Number
Name	MRO RFQ Contact Name
Phone	This node provides the Contact's phone information. It is comprised of the following fields, which are described below: • CountryCallingCode • Extension • PhoneNumber
CountryCallingCode	Country Calling Code
Extension	Extension
PhoneNumber	Phone Number
Name	Supplier's Company Name
PartsRfqContact	This node provides Supplier's Parts RFQ Contact information. It is comprised of the following fields and nodes, which are described below: • CompanyId • ContactId • Email • Fax • Name • Phone • Title
CompanyId	Supplier's ILSmart Company ID

Field/Node	Description
ContactId	Parts RFQ Contact ID The Contact ID is a unique id assigned to the PartsRfqContact by ILS.
Email	Parts RFQ Contact Email Address
Fax	This node provides the Contact's fax information. It is comprised of the following fields, which are described below: • CountryCallingCode • FaxNumber
CountryCallingCode	Country Calling Code
FaxNumber	Fax Number
Name	Parts RFQ Contact Name
Phone	This node provides the Contact's phone information. It is comprised of the following fields, which are described below: • CountryCallingCode • Extension • PhoneNumber
CountryCallingCode	Country Calling Code
Extension	Extension
PhoneNumber	Phone Number
Title	Parts RFQ Contact Title
SalesContact	This node provides Supplier's Sales Contact information. It will only be returned if the **PartsRfqContact** node is null. It is comprised of the following fields and nodes, which are described below: • CompanyId • ContactId • Email • Fax • Name • Phone • Title
CompanyId	Supplier's ILSmart Company ID
ContactId	Sales Contact ID The Contact ID is a unique id assigned to the SalesContact by ILS.
Email	Sales Contact Email Address
Fax	This node provides the Sales Contact's fax information. It is comprised of the following fields, which are described below: • CountryCallingCode • FaxNumber
CountryCallingCode	Country Calling Code
FaxNumber	Fax Number
Name	Sales Contact Name

Field/Node	Description
Phone	This node provides the Sales Contact's phone information. It is comprised of the following fields, which are described below: • CountryCallingCode • Extension • PhoneNumber
CountryCallingCode	Country Calling Code
Extension	Extension
PhoneNumber	Phone Number
Title	Sales Contact Title
SupplierCAGE	Supplier's Commercial and Government Entity (CAGE) Code
Parts	The **Parts** node provides the part listings that correspond to the Supplier information provided in the **Company** node. It is comprised of the following nodes, which are described below: • PartsSearchResults
PartsSearchResults	This node provides Supplier's listings. It is comprised of the following fields, which are described below: • AlternatePartNumber • ConditionCode • Description • IsGListed • IsMListed • IsPreferredVendor • Maker • Model • PartEntered • PartNumber • Quantity • SearchPartId
AlternatePartNumber	Alternate Part Number
ConditionCode	Condition Code
Description	Part Description
IsGListed	Government Supplier Indicator This field applies to Aviation inventory listings only.
IsMListed	Manufacturer Indicator This field applies to Aviation inventory listings only.
IsPreferredVendor	Preferred Vendor Indicator This field indicates if the Supplier appears on your Preferred Vendor list.
Maker	Maker This field applies to Marine inventory listings only.
Model	Model This field applies to Marine inventory listings only.

Field/Node	Description
PartEntered	Part Number Entered Displays the part number, NSN, NIIN or keyword(s) you provided in the **GetPartsAvailability** web service request.
PartNumber	Part Number
Quantity	Quantity
SearchPartId	Search Part ID

2. GetAllDataLegacy

The **GetAllDataLegacy** web service executes the following searches on ILSmart for a single part number and returns the search results in a text format:

- Parts Availability
- MRO Capabilities
- Parts Manufacturing Approval (PMA)
- Government Data

The web service is typically utilized by customers who have developed process dependencies around the ILS Complete Report.

A subscription to the ILS Government Options must be purchased for the ILSmart User ID being utilized for the web service calls to retrieve Government Data.

This web service is not available for Marine customers.

a. GetAllDataLegacy Request

The fields must be sent in the following order:

Field/Node	Required	Description
GetAllDataLegacy		The **GetAllDataLegacy** request is comprised of the following fields, which are described below: - PartNumber - Password - UserId
PartNumber	Yes	Part Number
Password	Yes	Your ILSmart Password
UserId	Yes	Your ILSmart ID

b. GetAllDataLegacy Response

The response is in fixed-width text format, and the data returned must be parsed.

3. GetPartListing

The **GetPartListing** web service executes a search for a single part listed in your ILS inventory and returns the search results. The results are similar to viewing a part utilizing the Inventory Management menu on ILSmart.

Please note, the web service will not return parts listed under MRO Capabilities. Also, wild card searches (or open-dash searches) cannot be executed using this web service.

This web service is currently not available for Marine customers.

a. *GetPartListing Request*

The fields must be sent in the following order:

Field/Node	Required	Description
GetPartListing		The **GetPartListing** request is comprised of the following fields, which are described below: • PartNumber • Password • UserId
PartNumber	Yes	Part Number
Password	Yes	Your ILSmart Password
UserId	Yes	Your ILSmart ID

b. *GetPartListing Response*

Field/Node	Description
GetPartListingResponse	The **GetPartListing** response is comprised of the following nodes, which are described below: • Fault • InventoryResults
Fault	See **Appendix A** for information regarding Fault Handling.
InventoryResults	The **InventoryResults** node is comprised of the following nodes, which are described below: • AviationPart

Field/Node	Description
AviationPart	This node is comprised of the following fields, which are described below: • AltPartNumber • Cage • Category • Condition • ControlCode • Description • ListCode • PartNumber • Price • Quantity • Unit • Value
AltPartNumber	Alternate Part Number
Cage	Commercial and Government Entity (CAGE) Code The CAGE code of the Manufacturer of the part
Category	Category Any code you wish to use to classify items. This field is only viewable by you.
Condition	Condition Code
ControlCode	Control Code Any information you wish to enter, such as bin location, lot number, date of acquisition, etc. This field is only viewable by you.
Description	Part Description
ListCode	List Code The List Code controls who can view your items on ILSmart.
PartNumber	Part Number
Price	Price
Quantity	Quantity
Unit	Unit of Measure
Value	Value Any information you wish to enter, such as cost of item, list price, advertised price, etc. This field is only viewable by you.

More information regarding these fields is available in the *ILS Inventory/MRO Format Guidelines*, which are available by clicking here.

MRO CAPABILITY SEARCH WEB SERVICE

1. GetMrosAvailability

The **GetMrosAvailability** web service executes an ILSmart MRO Capabilities search for a single part number and returns the corresponding search results.

It can be used in conjunction with other services, such as **GetPartsAvailability** and **GetGovernmentData**, to retrieve additional information about the part, if you have purchased access to these services.

Wild card searches (or open-dash searches) can be executed. Search results for wild card searches are restricted to the first 3,000 results.

This web service is not available for Marine customers.

a. GetMrosAvailability Request

The fields must be sent in the following order:

Field/Node	Required	Description
GetMrosAvailability		The **GetMrosAvailability** request is comprised of the following fields, which are described below: • PartNumber • Password • UserId
PartNumber	Yes	Part Number
Password	Yes	Your ILSmart Password
UserId	Yes	Your ILSmart ID

b. GetMrosAvailability Response

Field/Node	Description
GetMrosAvailabilityResponse	The **GetMrosAvailability** response is comprised of the following nodes, which are described below: • Fault • MroListings
Fault	See **Appendix A** for information regarding Fault Handling.
MroListings	The **MroListings** node describes the search results. This node may be repeated multiple times. It is comprised of the following nodes, which are described below: • Company • Mros

Field/Node	Description
Company	The **Company** node provides the Supplier contact information for the corresponding **Mros** node. It is comprised of the following fields and nodes, which are described below: • AccreditedVendorLevel • AdditionalInfo • CompanyAddress • Id • MroRfqContact • Name • PartsRfqContact • SalesContact • SupplierCAGE
AccreditedVendorLevel	Accredited Vendor Level indicator This field is a placeholder for future functionality.
AdditionalInfo	Additional Info Additional information from the Supplier that is typically displayed below the Company's name on the MRO Capability search results.
CompanyAddress	This node provides the Supplier's Company address information. It is comprised of the following fields, which are described below: • Address1 • Address2 • City • PostalCode • StateProvince
Address1	Address Line 1
Address2	Address Line 2
City	City
PostalCode	Postal / ZIP Code
StateProvince	State / Province Postal Abbreviation
Id	Supplier's ILSmart Company ID
MrosRfqContact	This node provides the Supplier's MRO RFQ Contact information. It is comprised of the following fields and nodes, which are described below: • CompanyId • ContactId • Email • Fax • Name • Phone • Title
CompanyId	Supplier's ILSmart Company ID
ContactId	MRO RFQ Contact ID The Contact ID is a unique id assigned to the MrosRfqContact by ILS.
Name	MRO RFQ Contact Name

Field/Node	Description
Title	MRO RFQ Contact Title
Email	MRO RFQ Contact Email Address
Phone	This node provides the MRO RFQ Contact's phone information. It is comprised of the following fields, which are described below: • CountryCallingCode • Extension • PhoneNumber
CountryCallingCode	Country Calling Code
Extension	Extension
PhoneNumber	Phone Number
Fax	This node provides the MRO RFQ Contact's fax information. It is comprised of the following fields, which are described below: • CountryCallingCode • PhoneNumber
CountryCallingCode	Country Calling Code
PhoneNumber	Fax Number
Name	Supplier's Company Name
PartsRfqContact	This node provides the Supplier's Parts RFQ Contact information. It is comprised of the following fields and nodes, which are described below: • CompanyId • ContactId • Name • Title • Email • Phone • Fax The **PartsRfqContact** node will only be provided if the **MroRfqContact** and the **SalesContact** nodes are null.
CompanyId	Supplier's ILSmart Company ID
ContactId	Parts RFQ Contact ID The Contact ID is a unique id assigned to the Parts RFQ Contact by ILS.
Name	Parts RFQ Contact Name
Title	Parts RFQ Contact Title
Email	Parts RFQ Contact Email Address
Phone	This node provides the Parts RFQ Contact's phone information. It is comprised of the following fields, which are described below: • CountryCallingCode • Extension • PhoneNumber
CountryCallingCode	Country Calling Code
Extension	Extension
PhoneNumber	Phone Number

Field/Node	Description
Fax	This node provides the Part RFQ Contact's fax information. It is comprised of the following fields, which are described below: • CountryCallingCode • FaxNumber
CountryCallingCode	Country Calling Code
PhoneNumber	Fax Number
SalesContact	This node provides the Supplier's Sales Contact information. It is comprised of the following fields and nodes, which are described below: • CompanyId • ContactId • Name • Title • Email • Phone • Fax The **SalesContact** node will only be provided if the **MroRfqContact** node is null.
CompanyId	Supplier's ILSmart Company ID
ContactId	Sales Contact ID The Contact ID is a unique id assigned to the SalesContact by ILS.
Name	Sales Contact Name
Title	Sales Contact Title
Email	Sales Contact Email Address
Phone	This node provides the Sales Contact's phone information. It is comprised of the following fields, which are described below: • CountryCallingCode • Extension • PhoneNumber
CountryCallingCode	Country Calling Code
Extension	Extension
PhoneNumber	Phone Number
Fax	This node provides the Sales Contact's fax information. It is comprised of the following fields, which are described below: • CountryCallingCode • FaxNumber
CountryCallingCode	Country Calling Code
PhoneNumber	Fax Number
SupplierCAGE	Supplier's Commercial and Government Entity (CAGE) Code
Mros	This node provides the MRO listings that correspond to the Supplier information provided in the Company node. It is comprised of the following nodes, which are described below: • MroSearchResults

Field/Node	Description
MroSearchResults	This node provides Supplier's listings. It is comprised of the following fields, which are described below: • AlternatePartNumber • Description • IsPreferredVendor • PartNumber
AlternatePartNumber	Alternate Part Number
Description	Part Description
IsPreferredVendor	Preferred Vendor Indicator This field indicates if the Supplier appears on your Preferred Vendor list. Valid field values are **true** or **false**.
PartNumber	Part Number

GOVERNMENT DATA WEB SERVICES

1. GetGovernmentData

The **GetGovernmentData** web service executes an ILSmart Government Data search for a single part number, NSN or NIIN and returns the search results. The search results that are returned are based on the following criteria:

- The ILSmart options purchased for the User ID making the web service call, and
- The government datasets specified in the web service request.

A subscription to the ILS Government Options must be purchased for the ILSmart User ID being utilized for the web service calls to retrieve this information.

The Supplier's CAGE code is returned in the search results; however, the corresponding contact information is not included. The **GetCageContact** web service may be called to retrieve the Supplier's contact information.

This service can be used in conjunction with other web services, such as **GetPartsAvailability** and **GetMrosAvailability**, to retrieve additional information about the part, if you have purchased access to these services.

This web service is currently not available for Marine customers.

a. GetGovernmentData Request

The fields must be sent in the following order:

Field/Node	Required	Description
GetGovernmentData		The **GetGovernmentData** request is comprised of the following fields and nodes, which are described below: • GovFilesToSearch • PartNumber • Password • UserId

Field/Node	Required	Description
GovFilesToSearch	Yes	You **must** specify at least one Government file to search in the request. The following abbreviations **must** be used: • **ISUSAF** = Air Force Interchangeability & Substitutability • **AMDF** = Army Master Data File • **CRF** = Navy Cross Reference File • **ISDOD** = Department of Defense Interchangeability & Substitutability • **MCRL** = Master Cross Reference List • **MLC** = Management List – Consolidated • **MOE** = Major Organizational Entity Rule • **MRIL** = Navy Master Repairable Item List • **NHA** = Navy Next Higher Assembly • **PH** = Procurement History • **TECH** = Technical Characteristics
PartNumber	Yes	Part Number
Password	Yes	Your ILSmart Password
UserId	Yes	Your ILSmart ID

b. *GetGovernmentData Response*

The response will vary based on the inputs provided in the **GovFilesToSearch** node. Each node that corresponds to a Government dataset is explained in detail below. Please note, **ALL** codes referenced by the **GetGovernmentData** web service are enumerated and described in detail in Appendix B of this document.

Field/Node	Description
GetGovernmentDataResponse	The **GetGovernmentData** response is comprised of the following nodes, which are described below: • Fault • GovernmentDataSearchResults
Fault	See **Appendix A** for information regarding Fault Handling.

Field/Node	Description
GovernmentDataSearchResults	The **GovernmentDataSearchResults** node is comprised of the following fields and nodes, which are described below: • AirForceIandS • AmdfData • CrossReferenceData • DisData • EndItemIdentification • Fax • HasPartsAvailability • HistInd • HistoricalAltNsn • ItemName • McrlData • MlcData • MoeData • MrilData • NhaData • Niin • NsnInfo • PhraseCode • PmaSearchResults • ProcurementHistoryData • TcData
AirForceIandS	The **AirForceIandS** node returns the US Air Force Interchangeability and Substitutability data. It is comprised of the following nodes: • AirForceIntAndSubItem
AirForceIntAndSubItem	This node may be repeated multiple times and is comprised of the following fields: • Act • JtcCode • OouCode • RelatedNSN
Act	Activity Code
JtcCode	Approved Item Code
OouCode	Order of Use Code
RelatedNSN	Related National Stock Number
AmdfData	The **AmdfData** node returns the US Army Master Data Files data, and it may be repeated multiple times. It is comprised of the following nodes: • ArmyMasterDataFilesItem

Field/Node	Description
ArmyMasterDataFilesItem	This node may be repeated multiple times. It is comprised of the following fields: • AaCode • AecCode • ArcCode • AricCode • CiicCode • EcCode • EiCode • EPI • FC • IccCode • LccCode • Lin • MaintenanceRepairCode • Mgmt • Price • RecoverabilityCode • RiccCode • ScicCode • ScmCode • SlcCode • SosCode • SrcCode • UiCode • UnitofMeasure
AaCode	Acquisition Advice Code
AecCode	Air Eligibility Category Code
AricCode	Automatic Return Item Code
ArcCode	Accounting Requirements Code
CiicCode	Controlled Inventory Item Code
EcCode	Essentiality Code
EiCode	End Item Code
EPI	Estimated Price Indicator (EPI)
FC	Fund Code
IccCode	Inventory Category Code
LccCode	Logistics Control Code
Lin	Line Item Number
MaintenanceRepairCode	Maintenance Repair Code
Mgmt	Material Category Structure Code
Price	Price
RecoverabilityCode	Recoverability/Reparability Code
RiccCode	Reportable Item Control Code
ScicCode	Special Control Item Code
ScmCode	Supply Category of Material Code
SlcCode	Shelf Life Code
SosCode	Source of Supply Code
SrcCode	Special Requirements Code

Field/Node	Description
UiCode	Unit of Issue Code
UnitofMeasure	Unit of Measure
CrossReferenceData	The **CrossReferenceData** node returns the US Navy Cross Reference Data. It is comprised of the following nodes: • CrfItem
CrfItem	This node is comprised of the following nodes: • CrossRefFileItem
CrossRefFileItem	This node may be repeated multiple times. It is comprised of the following fields: • Cage • CompanyName • PartNumber
Cage	Commercial and Government Entity (CAGE) Code
CompanyName	Company Name
PartNumber	Part Number
DisData	The **DisData** node returns the US Department of Defense Interchangeability and Substitutability data. It is comprised of the following nodes: • DisRecord
DisRecord	This node is comprised of the following nodes: • IntAndSubItem
IntAndSubItem	This node may be repeated multiple times. It is comprised of the following fields: • Jtc • OouCode • Pica • PhraseCode • RelatedNSN • ServiceAgency
Jtc	Jump to Code
OouCode	Order of Use Code
Pica	Primary Inventory Control Activity (PICA)
PhraseCode	Phrase Codes
RelatedNSN	Related National Stock Number
ServiceAgency	Service Agency Code
EndItemIdentification	The **EndItemIdentification** node returns the end item data. It is comprised of the following nodes: • EndItem
EndItem	This node is comprised of the following nodes: • EndItemIdentificationItem

Field/Node	Description
EndItemIdentificationItem	This node is comprised of the following fields: • EndItemCode • EndItemName • ServiceAgency
EndItemCode	End Item Code
EndItemName	End Item Name
ServiceAgency	Service Agency
Fsc	Federal Supply Code
HasPartsAvailability	Parts Availability Indicator Indicates that the item is listed on ILSmart. Valid values are **true** and **false**.
HistInd	Historical Indicator Valid values are **true** and **false**.
HistoricalAltNsn	Historical Alternate NSN
ItemName	Approved Item Name
McrlData	The **McrlData** node returns the Master Cross Reference List data and is comprised of the following nodes: • McrlItem
McrlItem	This node may be repeated multiple times. It is comprised of the following fields: • Cage • CompanyName • Dac • Historical • PartNumber • Rncc • Rnvc
Cage	Commercial and Government Entity (CAGE) Code
CompanyName	Company Name
Dac	Document Availability Code
Historical	Historical Indicator Valid values are **True** and **False**.
PartNumber	Reference Part Number
Rncc	Reference Number Category Code (RNCC)
Rnvc	Reference Number Variation Code (RNVC)
MlcData	The **MlcData** node returns the Management List-Consolidated data and is comprised of the following nodes: • MlcItem

Field/Node	Description
MlcItem	This node may be repeated multiple times. It is comprised of the following fields and nodes: • AaCode • Amcc • CiicCode • Mcd • Mmac • Qp • RecoverabilityCode • ServiceAgency • SlcCode • SosCode • SpclMatIDCode • UiCode • UnitPrice • Usc
AaCode	Acquisition Advice Code (AAC)
Amcc	Army Materiel Category Code
CiicCode	Controlled Inventory Item Code
Mcd	Management Control Data Code
Mmac	Material Management Aggregation Code
Qp	Quantity Unit Pack Code
RecoverabilityCode	Recoverability/Reparability Code
ServiceAgency	Service Agency Code
SlcCode	Shelf Life Code
SosCode	Source of Supply Code
SpclMatIDCode	Special Materiel Identification Code
UiCode	Unit of Issue Code
UnitPrice	Unit Price
Usc	Using Service Code
MoeData	The **MoeData** node returns the Major Organizational Entity data. It is comprised of the following nodes: • MoeRuleItem
MoeRuleItem	This node may be repeated multiple times. It is comprised of the following fields: • Aac • Amc • Amsc • Collaborators • DSOR • Imc • Imca • MoeCode • MoeRule • Receivers
Aac	Acquisition Advice Code (AAC)

Field/Node	Description
Amc	Acquisition Method Code
Amsc	Acquisition Method Code
Collaborators	Collaborator Code
DSOR	Depot Source of Repair
Imc	Item Management Code
Imca	tem Management Coding Activity
MoeCode	Major Organizational Entity (MOE) Code
MoeRule	Major Organizational Entity (MOE) Rule Code
Receivers	Receiver Code
MrilData	The **MrilData** node returns the US Navy Master Repairable Item List data. It is comprised of the following nodes: • MrilItem
MrilItem	This node may be repeated multiple times. It is comprised of the following fields: • CiicCode • Cognizance • MaterialControlCode • MvmntPriorityDesgntr • Notes • SchedRemovalComponentInd • ShippingInstructions • ShipUIC • SpclMatIDCode
CiicCode	Controlled Inventory Item Code
Cognizance	Dual Cognizant Code
MaterialControlCode	Material Control Code
MvmntPriorityDesgntr	Movement Priority Designator (MPD)
Notes	Notes
SchedRemovalComponentInd	Scheduled Removal Component Card Code (SRC)
ShippingInstructions	Shipping Instructions
ShipUIC	Unit Identification Code
SpclMatIDCode	Special Materiel Identification Codes
NhaData	The **NhaData** node returns the US Navy Next Higher Assembly P2300/P2310 and P2330 data. It is comprised of the following nodes: • NHA2300 • NHA2330

Field/Node	Description
NHA2300	This node may be repeated multiple times. It is comprised of the following fields: • AllowanceListCode • AltFRC • AltNIIN • Cage • Cognizance • FamilityRelationshipCode • ItemName • LocalRoutingCode • MaintenanceRepairCode • MaterialControlCode • Model • Nha • PackingData • PartNumber • Smr • SpclMatIDCode • Upa
AllowanceListCode	Allowance List Code
AltFRC	Alternate Family Relationship Code
AltNIIN	Alternate National Item Identification Number
Cage	Commercial and Government Entity (CAGE) Code
Cognizance	Dual Cognizant Code
FamilyRelationshipCode	Family Relationship Code
ItemName	Item Name
LocalRoutingCode	Local Routing Code
MaintenanceRepairCode	Maintenance Repair Code
MaterialControlCode	Material Control Code
Model	Model Number
Nha	Next Higher Assembly
PackingData	Packaging Data
PartNumber	Part Number
Smr	Source Maintenance Recovery Codes
SpclMatIDCode	Special Materiel Identification Code
Upa	Units Per Application Code
NHA2330	This node may be repeated multiple times. It is comprised of the following fields: • Cognizance • FamilyGroupCode • FamilyRelationshipCode • MaterialControlCode • SpclMatIDCode
Cognizance	Dual Cognizant Code
FamilyGroupCode	Family Group Code
FamilyRelationshipCode	Family Relationship Code

Field/Node	Description
MaterialControlCode	Material Control Code
SpclMatIDCode	Special Materiel Identification Code
Niin	National Item Identification Number
NsnInfo	This node may be repeated multiple times. It is comprised of the following fields: • NsnInfoItem
NsnInfoItem	This node may be repeated multiple times. It is comprised of the following fields: • AdpCode • Crit • DemilitarizationCode • Esd • FedItemIdentGuide • Hmic • Ii • Isc • ItemNameCode • Orig • Pmic • Rdpmrc • Status
AdpCode	Automated Data Processing Equipment Identification Code
Crit	Criticality Code
DemilitarizationCode	Demilitarization Code
Esd	Electrostatic Discharge
FedItemIdentGuide	Federal Item Identification Guide (FIIG)
Hmic	Hazardous Material Indicator Code
Ii	Item Identification Code Type
Isc	Item Standardization Code (ISC)
ItemNameCode	Item Name Code
Orig	Originator of Standardization Decision Code
Pmic	Precious Metal Indicator Code
Rdpmrc	Reference/Partial Descriptive Method Reason Code
Status	NIIN Status Code
PhraseCode	The **PhraseCode** node is comprised of the following nodes: • PhraseCodeItem
PhraseCodeItem	This node is comprised of the following nodes: • PcItem

Field/Node	Description
PcItem	This node may be repeated multiple times. It is comprised of the following fields: • ServiceAgency • PhraseCode • QPA • JTC • UOM • OOU • Statement
ServiceAgency	Service Agency Code
PhraseCode	Phrase Code
QPA	Quantity Per Assembly
JTC	Jump to Code
UOM	Unit of Measure Code
OOU	Order of Use Code
Statement	Phrase Code Statement
PmaSearchResults	This node may be repeated multiple times. It is comprised of the following fields and nodes: • PmaSearchResult
PmaSearchResult	This node may be repeated multiple times. It is comprised of the following fields and nodes: • CompressedPartNumber • PmaHolder • PmaOems • PmaParts
CompressedPartNumber	Part Number
PmaHolder	This node is comprised of the following fields and nodes: • Address • ApprovalDate • ApprovalMeans • Description • Mido • PmaHolderName
Address	This node is comprised of the following fields: • Address1 • Address2 • City • State • ZipCode
Address1	PMA Holder Address Line 1
Address2	PMA Holder Address Line 2
City	PMA Holder City
State	PMA Holder State / Province Postal Abbreviation
ZipCode	PMA Holder Postal / ZIP Code

Field/Node	Description
ApprovalDate	Supplement Date
ApprovalMeans	FAA Approval Basis
Description	PMA Part Name
Mido	Responsible Office
PmaHolderName	PMA Holder Name
PmaOems	This node is comprised of the following nodes: • PmaOem
PmaOem	This node is comprised of the following fields: • ModelEligibility • OemPart
ModelEligibility	Manufacturer & Model Applicability
OemPart	Manufacturer Part Number
PmaParts	This node is comprised of the following nodes: • PmaPart
PmaPart	This node is comprised of the following fields: • ItemNumber • PartNumber
ItemNumber	Item Number
PartNumber	PMA Part Number
ProcurementHistoryData	The **ProcurementHistoryData** node returns the procurement history data. It is comprised of the following nodes: • ProcurementEntry
ProcurementEntry	This node is comprised of the following nodes: • ProcurementItem
ProcurementItem	This node may be repeated multiple times. It is comprised of the following fields: • AwardDate • Cage • Clin • CompanyName • ContractNumber • Quantity • SosCode • TotalPrice • Unit • UnitPrice
AwardDate	Award Date
Cage	Commercial and Government Entity (CAGE) Code
Clin	Contract Line Item Number
CompanyName	Company Name
ContractNumber	Contract Number
Quantity	Quantity

Field/Node	Description
SosCode	Source of Supply Code
TotalPrice	Total Price
Unit	Unit of Measure Code
UnitPrice	Unit Price
TcData	The **TcData** node returns the technical characteristics data. It is comprised of the following fields and nodes: • Characteristics • Definition • FedItemIdentGuide • ItemName • ItemNameCode • Niin
Characteristics	This node may be repeated multiple times. It is comprised of the following fields: • Characteristic • CharacteristicValue
Characteristic	Item Characteristic
CharacteristicValue	Item Characteristic Value
Definition	Item Definition
FedItemIdentGuide	Federal Item Identification Guide (FIIG)
ItemName	Item Name
ItemNameCode	Item Name Code
Niin	National Item Identification Number

2. GetCageContact

The **GetCageContact** web service executes an ILSmart CAGE search for a single Commercial and Government Entity (CAGE) code and returns the results. It is typically used in conjunction with the **GetGovernmentData** web service to retrieve Supplier contact information, but it can be used independently.

This web service is currently not available for Marine customers.

a. *GetCageContact Request*

The fields must be sent in the following order:

Field/Node	Required	Description
GetCageContact		The **GetCageContact** request is comprised of the following fields, which are described below: • Cage • Password • UserId
Cage	Yes	Commercial and Government Entity (CAGE) Code
Password	Yes	Your ILSmart Password
UserId	Yes	Your ILSmart ID

b. *GetCageContact Response*

Field/Node	Description
GetCageContactResponse	The **GetCageContact** response is comprised of the following nodes, which are described below: • Fault • CageContact
Fault	See **Appendix A** for information regarding Fault Handling.
CageContact	This node is comprised of the following fields and nodes, which are described below: • Address • Cage • CompanyName • Division • FaxNumber • PhoneNumber • Status

Field/Node	Description
Address	This node provides the CAGE Company address information. It is comprised of the following fields, which are described below: • CityState • Country • PoBox • PostalCode • StreetAddress
CityState	This node provides the CAGE Company's address information. It is comprised of the following fields, which are described below: • City • State
City	City
State	State / Province Postal Abbreviation
Country	Country
PoBox	PO Box
PostalCode	Postal / ZIP Code
StreetAddress	This node provides the CAGE Company's address information. It is comprised of the following fields, which are described below: • Address1 • Address2
Address1	Address Line 1
Address2	Address Line 2
Cage	Commercial and Government Entity (CAGE) Code
CompanyName	Company Name
Division	Division
FaxNumber	Fax Number
PhoneNumber	Phone Number
Status	Status

SEARCH BUNDLE

The **Search Bundle** includes all Search web services discussed in the Search Web Services section of this document. Please refer to the previous sections for more information.

- Parts Availability Web Services
- MRO Capabilities Web Service
- Government Data Web Services

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Supplier Web Services

SUPPLIER LISTING WEB SERVICES

1. SubmitInventoryLoad

The **SubmitInventoryLoad** web service sends a file to update or replace your inventory, MRO capabilities or ILS-hosted catalog listings. The web service returns the success or failure of the file submission process as well as a unique id which can be passed to the **CheckInventoryLoad** web service to check the status of the post-upload processing.

Utilizing the **SubmitInventoryLoad** web service eliminates the need to login to ILSmart and manually upload a file. Uploaded files are normally processed within 24 business hours after receipt at ILS.

Please note that large files may fail for various reasons, such as timeout, loss of http connection, etc. Compressed files (ZIP or RAR) can be submitted.

IMPORTANT
Your Uploading Files preferences **MUST** be configured on ILSmart prior to using this web service.   In addition, your file **MUST** comply with ILS formatting standards to be processed. Please see the following reference materials for more information, or contact ILS Customer Support.   Aviation / Government Users   • ILS Inventory/MRO Format Guidelines   • ILS Inventory Upload Template   Marine Users   • ILS Marine Inventory Upload Template

a. *SubmitInventoryLoad Request*

The fields must be sent in the following order:

Field/Node	Required	Description
SubmitInventoryLoad		The **SubmitInventoryLoad** request is comprised of the following fields and nodes, which are described below: • Eit • Password • UserId
Eit		The **Eit** node describes the file being uploaded. It is comprised of the following fields, which are described below: • Comments • Data • Database • InventoryType • NumberOfRecords • SubmitTime
Comments		Any additional information or special instructions regarding the upload file that you wish to provide to ILS
Data	Yes	The content of the file you wish to send to ILS
Database		Valid inputs are **PartsAvailability**, **MROCapabilities** or **QuickCatalogue**. While it is optional to specify the database to which you are uploading your inventory, we strongly recommend that you specify this option in your web service call. It will default to **PartsAvailability** if left blank.
InventoryType	Yes	Inventory Type Valid inputs are **Update** or **Replacement**. • **Update** will modify your ILSmart listings by adding, deleting or changing listings as specified in your file. • **Replacement** will delete your current ILSmart listings and replace with the contents of the uploaded file.
NumberOfRecords	Yes	The number of records contained in your upload file
SubmitTime		The date and time you wish to upload your file
Password	Yes	Your ILSmart Password
UserId	Yes	Your ILSmart ID

b. SubmitInventoryLoad Response

Field/Node	Description
SubmitInventoryLoadResponse	The **SubmitInventoryLoad** response is comprised of the following fields and nodes, which are described below: • Fault • EitReceived • EmailSent • InventoryLoadId
Fault	See **Appendix A** for information regarding Fault Handling.
EitReceived	Indicates that your file has been received by ILS. The file has **NOT** been processed. Valid values are **true** and **false**.
EmailSent	Indicates that an email notification confirming receipt of the file has been sent to the email on record for your company's Supplier contact. Valid values are **true** and **false**.
InventoryLoadId	A unique ID that identifies your file that can be input into the **CheckInventoryLoad** web service to verify if your file has been processed by ILS.

2. CheckInventoryLoad

The **CheckInventoryLoad** web service verifies the status of a file submitted via the **SubmitInventoryLoad** web service.

a. CheckInventoryLoad Request

The fields must be sent in the following order:

Field/Node	Required	Description
CheckInventoryLoad		The **CheckInventoryLoad** request is comprised of the following fields, which are described below: • InventoryLoadId • Password • UserId
InventoryLoadId	Yes	Inventory Load ID A unique ID returned by the **SubmitInventoryLoad** web service that identifies your file
Password	Yes	Your ILSmart Password
UserId	Yes	Your ILSmart ID

b. *CheckInventoryLoad Response*

Field/Node	Description
CheckInventoryLoadResponse	The **CheckInventoryLoad** request is comprised of the following fields and nodes, which are described below: • Fault • IsComplete
Fault	See **Appendix A** for information regarding Fault Handling.
IsComplete	Indicates whether ILS has completed processing your uploaded file Valid values are **true** and **false**.

3. AddPartListing

The **AddPartListing** web service allows Suppliers to add up to 20 parts at a time to their ILSmart inventory. The response displays the record(s), as added.

It is typically used in conjunction with **ChangePartListing** and **DeletePartListing** web services to send near real-time inventory updates to ILSmart. The **AddPartListing** web service will increase the quantity of a part if the item already exists in your ILSmart inventory.

This web service is currently not available for Marine customers.

a. *AddPartListing Request*

The fields must be sent in the following order:

Field/Node	Required	Description
AddPartListing		The **AddPartListing** request is comprised of the following fields and nodes, which are described below: • Parts • Password • UserId
Parts		The **Parts** node is comprised of the following nodes, which are described below: • AviationPartInput

Field/Node	Required	Description
AviationPartInput		The **AviationPartInput** node describes an individual part and may be repeated up to 20 times. It is comprised of the following fields, which are described below: • AltPartNumber • Cage • Category • Condition • ControlCode • Description • ListCode • PartNumber • Price • Quantity • Unit • Value
AltPartNumber		Alternate Part Number
Cage		Commercial and Government Entity (CAGE) Code The CAGE code of the manufacturer of the part
Category		Any code you wish to use to classify items. This field is only viewable by you.
Condition	Yes	Condition Code
ControlCode		Any information you wish to enter, such as bin location, lot number, date of acquisition, etc. This field is only viewable by you.
Description	Yes	Description
ListCode	Yes	List Code
PartNumber	Yes	Part Number
Price		Price
Quantity	Yes	Quantity
Unit		Unit of Measure
Value		Value Information such as cost of item, list price, advertised price, etc. This field is only viewable by you.
Password	Yes	Your ILSmart Password
UserId	Yes	Your ILSmart ID

b. *AddPartListing Response*

Field/Node	Description
AddPartListingResponse	The **AddPartListing** response is comprised of the following nodes, which are described below: • Fault • UpdateConfirmations
Fault	See **Appendix A** for information regarding Fault Handling.
UpdateConfirmations	This node is comprised of the following nodes, which are described below: • AviationPartUpdateConfirmation
AviationPartUpdateConfirmation	This node is comprised of the following fields and nodes, which are described below: • Action • Part • Type
Action	Action Valid field values are: • **A** = Add • **CF =** Change From • **CT** = Change To • **D =** Delete
Part	This node is comprised of the following fields, which are described below: • AltPartNumber • Cage • Category • Condition • ControlCode • Description • ListCode • PartNumber • Price • Quantity • Unit • Value
AltPartNumber	Alternate Part Number Returns the value you entered in the request as confirmation of the change. The response will return a NULL indicator if this field was left blank in the request.
Cage	Commercial and Government Entity (CAGE) Code Returns the value you entered in the request as confirmation of the change. The response will return a NULL indicator if this field was left blank in the request.

Field/Node	Description
Category	Category Returns the value you entered in the request as confirmation of the change. The response will return a NULL indicator if this field was left blank in the request.
Condition	Condition Code Returns the value you entered in the request as confirmation of the change.
ControlCode	Control Code Returns the value you entered in the request as confirmation of the change. The response will return a NULL indicator if this field was left blank in the request.
Description	Description Returns the value you entered in the request as confirmation of the change.
ListCode	List Code Returns the value you entered in the request as confirmation of the change.
PartNumber	Part Number Returns the value you entered in the request as confirmation of the change.
Price	Price Returns the value you entered in the request as confirmation of the change. The response will return a NULL indicator if this field was left blank in the request.
Quantity	Quantity Returns the value you entered in the request as confirmation of the change.
Unit	Unit of Measure Returns the value you entered in the request as confirmation of the change. If the field was left blank in the request, the response will return **EA**.
Value	Value Returns the value you entered in the request as confirmation of the change. If the field was left blank in the request, the response will return **00000.0000**.

Field/Node	Description
Type	Type Valid field values are: • **A** = Add • **I** = Increase Quantity • **R** = Reduce Quantity • **C =** Change • **D =** Delete

4. ChangePartListing

The **ChangePartListing** web service allows Suppliers to change up to 20 parts at a time to their ILSmart inventory. The response displays the 2 record(s), one record as the listing appeared before the change and one record reflecting the changes.

It is typically used in conjunction with **AddPartListing** and **DeletePartListing** web services to send near real-time inventory updates to ILSmart.

This web service is currently not available for Marine customers.

a. ChangePartListing Request

The fields must be sent in the following order:

Field/Node	Required	Description
ChangePartListing		The **ChangePartListing** request is comprised of the following fields and nodes, which are described below: • Parts • Password • UserId
Parts		The **Parts** node is comprised of the following nodes, which are described below: • AviationPartInput

Field/Node	Required	Description
AviationPartInput		The **AviationPartInput** node describes an individual part and may be repeated up to 20 times. It is comprised of the following fields, which are described below: • AltPartNumber • Cage • Category • Condition • ControlCode • Description • ListCode • PartNumber • Price • Quantity • Unit • Value
AltPartNumber		Alternate Part Number
Cage		Commercial and Government Entity (CAGE) Code The CAGE code of the manufacturer of the part
Category		Any code you wish to use to classify items. This field is only viewable by you.
ConditionCode	Yes	Condition Code
ControlCode		Any information you wish to enter, such as bin location, lot number, date of acquisition, etc. This field is only viewable by you.
Description	Yes	Description
ListCode	Yes	List Code The List Code controls who can view your items on ILSmart.
PartNumber	Yes	Part Number
Price		Price
Quantity	Yes	Quantity
Unit		Unit of Measure
Value		Value Information such as cost of item, list price, advertised price, etc. This field is only viewable by you.
Password	Yes	Your ILSmart Password
UserId	Yes	Your ILSmart ID

b. *ChangePartListing Response*

Field/Node	Description
ChangePartListingResponse	The **ChangePartListing** response is comprised of the following nodes, which are described below: • Fault • UpdateConfirmations
Fault	See **Appendix A** for information regarding Fault Handling.
UpdateConfirmations	This node is comprised of the following nodes, which are described below: • AviationPartUpdateConfirmation
AviationPartUpdateConfirmation	This node may be repeated up to 20 times. It is comprised of the following fields, which are described below: • Action • Part • Type
Action	Action Valid field values are: • **A** = Add • **CF =** Change From • **CT** = Change To • **D =** Delete
Part	This node is comprised of the following fields, which are described below: • AltPartNumber • Cage • Category • Condition • ControlCode • Description • ListCode • PartNumber • Price • Quantity • Unit • Value
AltPartNumber	Alternate Part Number Returns the value you entered in the request as confirmation of the change. The response will return a NULL indicator if this field was left blank in the request.
Cage	Commercial and Government Entity (CAGE) Code Returns the value you entered in the request as confirmation of the change. The response will return a NULL indicator if this field was left blank in the request.

Field/Node	Description
Category	Category Returns the value you entered in the request as confirmation of the change. The response will return a NULL indicator if this field was left blank in the request.
Condition	Condition Code Returns the value you entered in the request as confirmation of the change.
ControlCode	Control Code Returns the value you entered in the request as confirmation of the change. The response will return a NULL indicator if this field was left blank in the request.
Description	Description Returns the value you entered in the request as confirmation of the change.
ListCode	List Code Returns the value you entered in the request as confirmation of the change.
PartNumber	Part Number Returns the value you entered in the request as confirmation of the change.
Price	Price Returns the value you entered in the request as confirmation of the change. The response will return a NULL indicator if this field was left blank in the request.
Quantity	Quantity Returns the value you entered in the request as confirmation of the change.
Unit	Unit of Measure Returns the value you entered in the request as confirmation of the change. If the field was left blank in the request, the response will return **EA**.
Value	Value Returns the value you entered in the request as confirmation of the change. If the field was left blank in the request, the response will return **00000.0000**.

Field/Node	Description
Type	Type Valid field values are: • **A** = Add • **C =** Change • **D =** Delete

5. DeletePartListing

The **DeletePartListing** web service allows Suppliers to delete up to 20 parts at a time to their ILSmart inventory. The response displays the record(s), as deleted.

It is typically used in conjunction with **AddPartListing** and **ChangePartListing** web services to send near real-time inventory updates to ILSmart.

This web service is currently not available for Marine customers.

a. DeletePartListing Request

The fields must be sent in the following order:

Field/Node	Required	Description
DeletePartListing		The **DeletePartListing** request is comprised of the following fields and nodes, which are described below: • Parts • Password • UserId
Parts		The **Parts** node is comprised of the following nodes, which are described below: • AviationPartRecordKey
AviationPartRecordKey		The **AviationPartRecordKey** node describes the part(s) and may be repeated up to 20 times. It is comprised of the following fields, which are described below: • AltPartNumber • Condition • ListCode • PartNumber • Value
AltPartNumber		Alternate Part Number
ConditionCode	Yes	Condition Code
ListCode	Yes	List Code The List Code controls who can view your items on ILSmart.
PartNumber	Yes	Part Number

Field/Node	Required	Description
Value		Value Information such as cost of item, list price, advertised price, etc. This field is only viewable by you.
Password	Yes	Your ILSmart Password
UserId	Yes	Your ILSmart ID

b. *DeletePartListing Response*

Field/Node	Description
DeletePartListingResponse	The **DeletePartListing** response is comprised of the following fields and nodes, which are described below: • Fault • UpdateConfirmations
Fault	See **Appendix A** for information regarding Fault Handling.
UpdateConfirmations	This node is comprised of the following nodes, which are described below: • AviationPartUpdateConfirmation
AviationPartUpdateConfirmation	This node may be repeated up to 20 times. It is comprised of the following fields and nodes, which are described below: • Action • Part • Type
Action	Action Valid field values are: • **A** = Add • **CF =** Change From • **CT** = Change To • **D =** Delete
Part	This node is comprised of the following fields, which are described below: • PartNumber • AltPartNumber • Description • Condition • ListCode • Quantity • Unit • Price • Cage • Category • ControlCode • Value

Field/Node	Description
AltPartNumber	Alternate Part Number Returns the value you entered in the request as confirmation of the change. The response will return a NULL indicator if this field was left blank in the request.
Cage	Commercial and Government Entity (CAGE) Code Returns the value you entered in the request as confirmation of the change. The response will return a NULL indicator if this field was left blank in the request.
Category	Category Returns the value you entered in the request as confirmation of the change. The response will return a NULL indicator if this field was left blank in the request.
Condition	Condition Code Returns the value you entered in the request as confirmation of the change.
ControlCode	Control Code Returns the value you entered in the request as confirmation of the change. The response will return a NULL indicator if this field was left blank in the request.
Description	Description Returns the value you entered in the request as confirmation of the change.
ListCode	List Code Returns the value you entered in the request as confirmation of the change.
PartNumber	Part Number Returns the value you entered in the request as confirmation of the change.
Price	Price Returns the value you entered in the request as confirmation of the change. The response will return a NULL indicator if this field was left blank in the request.
Quantity	Quantity Returns the value you entered in the request as confirmation of the change.
Unit	Unit of Measure Returns the value you entered in the request as confirmation of the change. If the field was left blank in the request, the response will return **EA**.

Field/Node	Description
Value	Value Returns the value you entered in the request as confirmation of the change. If the field was left blank in the request, the response will return **00000.0000**.
Type	Type Valid field values are: • **A** = Add • **C =** Change • **D =** Delete

6. AddMroListing

The **AddMroListing** operation allows Suppliers to add up to 20 parts at a time to their ILSmart MRO Capabilities listings. The response displays the record(s), as added.

It is typically used in conjunction with **ChangeMroListing** and **DeleteMroListing** to send near real-time updates to ILSmart.

This web service is currently not available for Marine customers.

a. AddMroListing Request

The fields must be sent in the following order:

Field/Node	Required	Description
AddMroListing		The **AddMroListing** request is comprised of the following fields and nodes, which are described below: • Mros • Password • UserId
Mros		This node is comprised of the following nodes, which are described below: • MrosInput
MrosInput		This node may be repeated up to 20 times. It is comprised of the following fields, which are described below: • Agency • AltPartNumber • Cage • Description • ExchangeCode • PartNumber • Price

Field/Node	Required	Description
Agency		The approving agency This field will default to **FAA**, if left blank.
AltPartNumber		Alternate Part Number
Cage		Commercial and Government Entity (CAGE) Code The CAGE code of the manufacturer of the part
Description	Yes	Description
ExchangeCode		Exchange Code
PartNumber	Yes	Part Number
Price		Price
Password	Yes	Your ILSmart Password
UserId	Yes	Your ILSmart ID

b. *AddMroListing Response*

Field/Node	Description
AddMroListingResponse	The **AddMroListing** response is comprised of the following nodes, which are described below: • Fault • MroUpdateConfirmations
Fault	See **Appendix A** for information regarding Fault Handling.
MroUpdateConfirmation	This node may be repeated up to 20 times. It is comprised of the following fields, which are described below: • Action • Mro • UpdateType
Action	Action Valid field values are: • **A** = Add • **CF =** Change From • **CT** = Change To • **D =** Delete
Mro	This node is comprised of the following fields, which are described below: • AltPartNumber • Cage • Description • ExchangeCode • PartNumber • Price

Field/Node	Description
AltPartNumber	Alternate Part Number Returns the value you entered in the request as confirmation of the change. The response will return a NULL indicator if this field was left blank in the request.
Cage	Commercial and Government Entity (CAGE) Code Returns the value you entered in the request as confirmation of the change. The response will return a NULL indicator if this field was left blank in the request.
Description	Description Returns the value you entered in the request as confirmation of the change.
ExchangeCode	Exchange Code The response will return a NULL indicator if this field is blank.
PartNumber	Part Number Returns the value you entered in the request as confirmation of the change.
Price	Price Returns the value you entered in the request as confirmation of the change. The response will return a NULL indicator if this field was left blank in the request.
UpdateType	Update Type Valid field values are: • **A** = Add • **C =** Change • **D =** Delete

7. ChangeMroListing

The **ChangeMroListing** operation allows Suppliers to change up to 20 parts at a time in their ILSmart MRO Capabilities listings. The response displays the 2 record(s), one record as it appeared before the change and one record reflecting the requested changes.

The operation is typically utilized to send near real-time listing updates to ILSmart without leaving your back-end system.

This web service is currently not available for Marine customers.

a. ChangeMroListing Request

The fields must be sent in the following order:

Field/Node	Required	Description
ChangeMroListing		The **ChangeMroListing** request is comprised of the following fields and nodes, which are described below: • Mros • Password • UserId
Mros		This node is comprised of the following fields, which are described below: • MrosInput
MrosInput		This node may be repeated up to 20 times. It is comprised of the following fields, which are described below: • Agency • AltPartNumber • Cage • Description • ExchangeCode • PartNumber • Price
Agency		The approving agency This field will default to **FAA**, if left blank.
AltPartNumber		Alternate Part Number
Cage		Commercial and Government Entity (CAGE) Code The CAGE code of the manufacturer of the part
Description	Yes	Description
ExchangeCode		Exchange Code
PartNumber	Yes	Part Number
Price		Price
Password	Yes	Your ILSmart Password
UserId	Yes	Your ILSmart ID

b. *ChangeMroListing Response*

Field/Node	Description
ChangeMroListingResponse	The **ChangeMroListing** response is comprised of the following nodes, which are described below: • Fault • MroUpdateConfirmations
Fault	See **Appendix A** for information regarding Fault Handling.
MroUpdateConfirmation	This node may be repeated up to 20 times. It is comprised of the following fields and nodes, which are described below: • Action • Mro • UpdateType
Action	Action Valid field values are: • **A** = Add • **CF =** Change From • **CT** = Change To • **D =** Delete
Mro	This node may be repeated up to 20 times. It is comprised of the following fields, which are described below: • AltPartNumber • Cage • Description • ExchangeCode • PartNumber • Price
AltPartNumber	Alternate Part Number Returns the value you entered in the request as confirmation of the change. The response will return a NULL indicator if this field was left blank in the request.
Cage	Commercial and Government Entity (CAGE) Code Returns the value you entered in the request as confirmation of the change. The response will return a NULL indicator if this field was left blank in the request.
Description	Description Returns the value you entered in the request as confirmation of the change.
ExchangeCode	Exchange Code The response will return a NULL indicator if this field is blank.

Field/Node	Description
PartNumber	Part Number Returns the value you entered in the request as confirmation of the change.
Price	Price Returns the value you entered in the request as confirmation of the change. The response will return a NULL indicator if this field was left blank in the request.
UpdateType	Update Type Valid field values are: • **A** = Add • **C =** Change • **D =** Delete

8. DeleteMroListing

The **DeleteMroListing** operation allows Suppliers to delete up to 20 parts at a time in their ILSmart MRO Capabilities listings. The response displays the record(s), as deleted.

It is typically used in conjunction with **AddMroListing** and **ChangeMroListing** to send near real-time updates to ILSmart.

This web service is currently not available for Marine customers.

a. DeleteMroListing Request

The fields must be sent in the following order:

Field/Node	Required	Description
DeleteMroListing		The **DeleteMroListing** request is comprised of the following fields and nodes, which are described below: • Mros • Password • UserId
Mros		This node is comprised of the following node, which is described below: • MroRecordDeleteKey
MroRecordDeleteKey		This node may be repeated up to 20 times. It is comprised of the following fields, which are described below: • AltPartNumber • PartNumber
AltPartNumber		Alternate Part Number

Field/Node	Required	Description
PartNumber	Yes	Part Number
Password	Yes	Your ILSmart Password
UserId	Yes	Your ILSmart ID

b. *DeleteMroListing Response*

Field/Node	Description
DeleteMroListingResponse	The **DeleteMroListing** response is comprised of the following nodes, which are described below: • Fault • MroUpdateConfirmations
Fault	See **Appendix A** for information regarding Fault Handling.
MroUpdateConfirmation	This node may be repeated up to 20 times. It is comprised of the following fields, which are described below: • Action • Mro • UpdateType
Action	Action Valid field values are: • **A** = Add • **CF =** Change From • **CT** = Change To • **D =** Delete
Mro	This node may be repeated up to 20 times. It is comprised of the following fields, which are described below: • AltPartNumber • Cage • Description • ExchangeCode • PartNumber • Price
AltPartNumber	Alternate Part Number Returns the value you entered in the request as confirmation of the change. The response will return a NULL indicator if this field was left blank in the request.
Cage	Commercial and Government Entity (CAGE) Code Returns the value you entered in the request as confirmation of the change. The response will return a NULL indicator if this field was left blank in the request.

Field/Node	Description
Description	Description Returns the value you entered in the request as confirmation of the change.
ExchangeCode	Exchange Code The response will return a NULL indicator if this field is blank.
PartNumber	Part Number Returns the value you entered in the request as confirmation of the change.
Price	Price Returns the value you entered in the request as confirmation of the change. The response will return a NULL indicator if this field was left blank in the request.
UpdateType	Update Type Valid field values are: • **A** = Add • **C =** Change • **D =** Delete

SUPPLIER BUNDLE

The Supplier Bundle includes the following web services:

- Supplier Listing Web Services
- GetNewRfqsReceived
- GetRfqsReceivedByDate

The **Supplier Listing** web services are described in detail in the previous section. The remaining services in the **Supplier Bundle** are described below.

1. Supplier Listing Web Services

Please see the [Supplier Listing Web Services section](#) for more information.

2. GetNewRfqsReceived

The **GetNewRfqsReceived** web service retrieves all parts Request for Quotes (RFQs) received on ILSmart since you last called the web service. This web service is often used in conjunction with the **SendPartQuotes** web service.

You are encouraged to call this web service frequently to ensure you have the most recent data. It is not recommended, however, to call this service more frequently than every 5 minutes.

This web service is currently not available for Marine customers.

a. GetNewRfqsReceived Request

The fields must be sent in the following order:

Field/Node	Required	Description
GetNewRfqsReceived		The **GetNewRfqsReceived** request is comprised of the following fields, which are described below: • IncludeClosed • Password • UserId
IncludeClosed	Yes	Include Closed RFQs You may choose whether to retrieve open RFQs only or all RFQs regardless of status. Valid values are **true** and **false**.
Password	Yes	Your ILSmart Password
UserId	Yes	Your ILSmart ID

b. *GetNewRfqsReceived Response*

Field/Node	Description
GetNewRfqsReceivedResponse	The **GetNewRfqsReceived** response is comprised of the following nodes, which are described below: • Fault • Rfqs
Fault	See **Appendix A** for information regarding Fault Handling.
Rfqs	The **Rfqs** node describes the RFQs being retrieved. It is comprised of the following node, which is described below: • Rfq
Rfq	The **Rfq** node describes the RFQ being retrieved. This node will be repeated for each RFQ being retrieved. It is comprised of the following field and nodes, which are described below: • Attachments • CloseDate • Comments • ContactInfo • CreateDate • DeliverByDate • EntryCode • Priority • QuoteWithinDays • ReferenceNumber • RequestedItems • RfqId
Attachments	The **Attachments** is comprised of the following nodes, which are described below: • Attachment
Attachment	The **Attachment** node may be repeated multiple times. It is comprised of the following fields, which are described below: • DocumentId • FileName If attachments are available, the web service will return a **DocumentId** for each attachment. This ID may be passed to the **GetRfqAttachedDocuments** web service to retrieve the attachment(s).
DocumentId	Document ID A unique ID assigned to each document attached to the RFQ.
FileName	Document File Name
CloseDate	Close Date You will not be allowed to send Quotes after the RFQ's Close Date.

Field/Node	Description
Comments	Comments The Comments field is for general comments regarding the RFQ.
ContactInfo	This node is comprised of the following nodes, which are described below: • rfqRecipient • rfqSender
rfqRecipient	This node will be NULL for the Supplier RFQ retrieval services.
rfqSender	This node is comprised of the following nodes, which are described below: • CompanyName • IlsContact
CompanyName	RFQ Sender Company Name
IlsContact	The **IlsContact** node describes the rfqSender's contact information. It is comprised of the following fields and nodes, which are described below: • CompanyId • ContactId • Email • Fax • Name • Phone • Title
CompanyId	RFQ Sender's ILSmart Company ID
ContactId	RFQ Sender's Contact ID A unique id assigned to the contact by ILS.
Email	RFQ Sender's Email Address
Fax	This node is comprised of the following fields are nodes, which are described below: • CountryCallingCode • PhoneNumber
CountryCallingCode	Country Calling Code
PhoneNumber	Phone Number
Name	RFQ Sender's Name
Phone	This node is comprised of the following fields, which are described below: • CountryCallingCode • Extension • PhoneNumber
CountryCallingCode	Country Calling Code
Extension	Extension
PhoneNumber	Phone Number
Title	RFQ Sender's Title
CreateDate	Create Date

Field/Node	Description
DeliverByDate	Deliver By Date
EntryCode	Entry Code A random combination of letters and numbers used to access the quote.ilsmart.com website.
Priority	This node is comprised of the following fields, which are described below: • Code • Name
Code	Priority Code An abbreviation that corresponds to the Priority Name. Valid values are: • **AOG** = Aircraft on Ground • **CRI** = Critical • **EXP** = Expedite • **ROU** = Routine
Name	Priority Name An abbreviation that corresponds to the Priority Code. Valid values are: • Aircraft On Ground • Critical • Expedite • Routine
QuoteWithinDays	Quote Within Days The number of days in which the Supplier has to send a Quote before the RFQ closes. Quotes cannot be sent for closed RFQs.
ReferenceNumber	Reference Number A number or description entered by the Buyer to identify the RFQ. This field may **NOT** be unique.
RequestedItems	The **RequestedItems** node describes the part(s) the RFQ Sender is requesting. This node may be repeated multiple times. It is comprised of the following nodes, which are described below: • Item
Item	The **Item** node describes the part(s) the RFQ Sender is requesting. This node may be repeated multiple times. It is comprised of the following nodes, which are described below: • RfqRequestedPart

Field/Node	Description
RfqRequestedPart	The **RfqRequestedPart** node describes the part the RFQ Sender is requesting. This node may be repeated multiple times. It is comprised of the following fields, which are described below: • Description • ItemId • ItemNumber • PartNumber • Quantity • SupplierListings
Description	Description
ItemId	Item ID A unique numeric ID assigned by ILS and used when sending Quotes.
ItemNumber	Item Number
PartNumber	Part Number
Quantity	Quantity
SupplierListings	The **SupplierListings** node describes the search results seen by the Buyer. It is comprised of the following nodes, which are described below: • SupplierPartListing
SupplierPartListing	The **SupplierPartListing** node describes the search results seen by the Buyer. This node may be repeated multiple times. It is comprised of the following fields, which are described below: • PartListings • SupplierId
SupplierId	Supplier's Company ID
PartListings	The **PartListings** node contains the search results seen by the Buyer. This node may is comprised of the following fields, which are described below: • PartListing
PartListing	This node may be repeated multiple times. It is comprised of the following fields, which are described below: • AltPartNumber • AltQuantity • ConditionCode • Description • ItemSupplierPartId • Maker • Model • PartNumber • Quantity • TraceabilityCode
AltPartNumber	Alternate Part Number

Field/Node	Description
AltQuantity	Alternate Quantity Non-numeric quantities will appear in this field. Valid values are: • MREP • MFG • RQST • PMA
ConditionCode	Condition Code
Description	Description
ItemSupplierPartId	Item Supplier Part ID A unique identifier for a specific part from a specific Supplier on a specific RFQ. It uniquely identifies to the ILS systems exactly which part is being quoted.
Maker	Maker This field applies to Marine inventory listings only.
Model	Model This field applies to Marine inventory listings only.
PartNumber	Part Number
Quantity	Quantity
TraceabilityCode	Traceability Code This field should be NULL for Retrieve RFQ web services.
RfqId	RFQ ID A unique ID assigned by ILS to the RFQ. This ID may be used as a parameter in other web service calls.

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3. GetRfqsReceivedByDate

The **GetRfqsReceivedByDate** web service retrieves all parts Request for Quotes (RFQs) received on ILSmart for a specified date. This service will return all parts RFQs received for the specified date, even if the RFQs have been previously retrieved.

The **GetRfqsReceivedByDate** response is identical to **GetNewRfqsReceived** response.

This web service is currently not available for Marine customers.

a. *GetRfqsReceivedByDate Request*

The fields must be sent in the following order:

Field/Node	Required	Description
GetRfqsReceivedByDate		The **GetRfqsReceivedByDate** request is comprised of the following fields, which are described below: • IncludeClosed • Password • UserId
DateToRetrieve	Yes	Date to Retrieve You may enter a date up to 90 days from the current date.
IncludeClosed	Yes	Include Closed RFQs You may choose whether to retrieve open RFQs only or all RFQs regardless of status. Valid values are **True** and **False**.
Password	Yes	Your ILSmart Password
UserId	Yes	Your ILSmart ID

b. *GetRfqsReceivedByDate Response*

Field/Node	Description
GetRfqsReceivedByDateResponse	The **GetRfqsReceivedByDate** response is comprised of the following nodes, which are described below: • Fault • Rfqs
Fault	See **Appendix A** for information regarding Fault Handling.
Rfqs	The **Rfqs** node describes the RFQs being retrieved. It is comprised of the following node, which is described below: • Rfq

Field/Node	Description
Rfq	The **Rfq** node describes the RFQ being retrieved. This node will be repeated for each RFQ being retrieved. It is comprised of the following field and nodes, which are described below: • Attachments • CloseDate • Comments • ContactInfo • CreateDate • DeliverByDate • EntryCode • Priority • QuoteWithinDays • ReferenceNumber • RequestedItems • RfqId
Attachments	The **Attachments** is comprised of the following nodes, which are described below: • Attachment
Attachment	The **Attachment** node may be repeated multiple times. It is comprised of the following fields, which are described below: • DocumentId • FileName If attachments are available, the web service will return a **DocumentId** for each attachment. This ID may be passed to the **GetRfqAttachedDocuments** web service to retrieve the attachment(s).
DocumentId	Document ID A unique ID assigned to each document attached to the RFQ.
FileName	Document File Name
CloseDate	Close Date You will not be allowed to send Quotes after the RFQ's Close Date.
Comments	Comments The Comments field is for general comments regarding the RFQ.
ContactInfo	This node is comprised of the following nodes, which are described below: • rfqRecipient • rfqSender
rfqRecipient	This node will be NULL for the Supplier RFQ retrieval services.

Field/Node	Description
rfqSender	This node is comprised of the following nodes, which are described below: • CompanyName • IlsContact
CompanyName	RFQ Sender Company Name
IlsContact	The **IlsContact** node describes the rfqSender's contact information. It is comprised of the following fields and nodes, which are described below: • CompanyId • ContactId • Email • Fax • Name • Phone • Title
CompanyId	RFQ Sender's ILSmart Company ID
ContactId	RFQ Sender's Contact ID A unique id assigned to the contact by ILS.
Email	RFQ Sender's Email Address
Fax	This node is comprised of the following fields are nodes, which are described below: • CountryCallingCode • PhoneNumber
CountryCallingCode	Country Calling Code
PhoneNumber	Phone Number
Name	RFQ Sender's Name
Phone	This node is comprised of the following fields, which are described below: • CountryCallingCode • Extension • PhoneNumber
CountryCallingCode	Country Calling Code
Extension	Extension
PhoneNumber	Phone Number
Title	RFQ Sender's Title
CreateDate	Create Date
DeliverByDate	Deliver By Date
EntryCode	Entry Code A random combination of letters and numbers used to access the quote.ilsmart.com website.

Field/Node	Description
Priority	This node is comprised of the following fields, which are described below: • Code • Name
Code	Priority Code An abbreviation that corresponds to the Priority Name. Valid values are: • **AOG** = Aircraft on Ground • **CRI** = Critical • **EXP** = Expedite • **ROU** = Routine
Name	Priority Name An abbreviation that corresponds to the Priority Code. Valid values are: • Aircraft On Ground • Critical • Expedite • Routine
QuoteWithinDays	Quote Within Days The number of days in which the Supplier has to send a Quote before the RFQ closes. Quotes cannot be sent for closed RFQs.
ReferenceNumber	Reference Number A number or description entered by the Buyer to identify the RFQ. This field may **NOT** be unique.
RequestedItems	The **RequestedItems** node describes the part(s) the RFQ Sender is requesting. This node may be repeated multiple times. It is comprised of the following nodes, which are described below: • Item
Item	The **Item** node describes the part(s) the RFQ Sender is requesting. This node may be repeated multiple times. It is comprised of the following nodes, which are described below: • RfqRequestedPart
RfqRequestedPart	The **RfqRequestedPart** node describes the part the RFQ Sender is requesting. This node may be repeated multiple times. It is comprised of the following fields, which are described below: • Description • ItemId • ItemNumber • PartNumber • Quantity • SupplierListings
Description	Description

Field/Node	Description
ItemId	Item ID A unique numeric ID assigned by ILS and used when sending Quotes.
ItemNumber	Item Number
PartNumber	Part Number
Quantity	Quantity
SupplierListings	The **SupplierListings** node describes the search results seen by the Buyer. It is comprised of the following nodes, which are described below: • SupplierPartListing
SupplierPartListing	The **SupplierPartListing** node describes the search results seen by the Buyer. This node may be repeated multiple times. It is comprised of the following fields, which are described below: • PartListings • SupplierId
SupplierId	Supplier's Company ID
PartListings	The **PartListings** node contains the search results seen by the Buyer. This node may is comprised of the following fields, which are described below: • PartListing
PartListing	This node may be repeated multiple times. It is comprised of the following fields, which are described below: • AltPartNumber • AltQuantity • ConditionCode • Description • ItemSupplierPartId • Maker • Model • PartNumber • Quantity • TraceabilityCode
AltPartNumber	Alternate Part Number
AltQuantity	Alternate Quantity Non-numeric quantities will appear in this field. Valid values are: • MREP • MFG • RQST • PMA
ConditionCode	Condition Code
Description	Description

Field/Node	Description
ItemSupplierPartId	Item Supplier Part ID A unique identifier for a specific part from a specific Supplier on a specific RFQ. It uniquely identifies to the ILS systems exactly which part is being quoted.
Maker	Maker This field applies to Marine inventory listings only.
Model	Model This field applies to Marine inventory listings only.
PartNumber	Part Number
Quantity	Quantity
TraceabilityCode	Traceability Code This field should be NULL for Retrieve RFQ web services.
RfqId	RFQ ID A unique ID assigned by ILS to the RFQ. This ID may be used as a parameter in other web service calls.

4. GetRfqAttachedDocuments

The **GetRFQAttachedDocuments** web services retrieves document(s) that are attached to parts Request for Quotes (RFQs) received on ILSmart. This web service can be used in conjunction with any of the RFQ retrieval web services.

This web service is currently not available for Marine customers.

a. *GetRfqAttachedDocuments Request*

The fields must be sent in the following order:

Field/Node	Required	Description
GetRfqAttachedDocuments		The **GetRfqAttachedDocuments** request is comprised of the following fields, which are described below: • DocumentId • Password • RfqId • UserId
DocumentId	Yes	Document ID A unique ID for the document attached to the RFQ that is returned by the RFQ retrieval web services.
Password	Yes	Your ILSmart Password

Field/Node	Required	Description
RfqId	Yes	RFQ ID A unique ID for the RFQ that is returned by the RFQ Retrieval services.
UserId	Yes	Your ILSmart ID

b. *GetRfqAttachedDocuments Response*

Field/Node	Description
GetRfqAttachedDocumentsResponse	The **GetRfqAttachedDocuments** response is comprised of the following fields, which are described below: • Fault • Document
Fault	See **Appendix A** for information regarding Fault Handling.
Document	The **Document** node may be repeated multiple times. It is comprised of the following fields, which are described below: • Content • Id • Name • Type
Content	Contents of the attachment
Id	Document ID
Name	Document File Name
Type	Document Type

5. GetRfqCompanyInformation

The **GetRfqCompanyInformation** operation retrieves the contact information for a specified ILSmart customer ID associated with a specified RFQ. It can only be called by the Supplier or Buyer listed on the specified RFQ.

This web service can be used in conjunction with any of the RFQ Retrieval services.

This web service is currently not available for Marine customers.

a. GetRfqCompanyInformation Request

The fields must be sent in the following order:

Field/Node	Required	Description
GetRfqCompanyInformation		The **GetRfqCompanyInformation** request is comprised of the following fields, which are described below: • CompanyId • Password • RfqId • UserId
CompanyId	Yes	Company ID The ILSmart ID assigned to the company for which to retrieve the contact information.
Password	Yes	Your ILSmart Password
RfqId	Yes	RFQ ID A unique ID for the RFQ that is returned by RFQ Retrieval services.
UserId	Yes	Your ILSmart ID

b. GetRfqCompanyInformation Response

Field/Node	Description
GetRfqCompanyInformationResponse	The **GetRfqCompanyInformation** response is comprised of the following nodes, which are described below: • Fault • RfqCompany
Fault	See **Appendix A** for information regarding Fault Handling.

Field/Node	Description
RfqCompany	This node is comprised of the following fields and nodes, which are described below. • AccreditedVendorLevel • AdditionalInfo • CompanyAddress • Id • MroRfqContact • PartsRfqContact • SalesContact • SupplierCAGE
AccreditedVendorLevel	Accredited Vendor Level indicator The Accredited Vendor Level (AVP) indicator denotes Suppliers who participate in the ILS Accredited Vendor Program. AVP Suppliers must meet certain requirements to qualify for the program.
AdditionalInfo	Additional Info Additional information from the Supplier that is typically displayed below the Company's name on the Parts Availability search results.
CompanyAddress	This node is comprised of the following fields, which are described below: • Address1 • Address2 • City • PostalCode • StateProvince
Address1	Address Line 1
Address2	Address Line 2
City	City
PostalCode	Postal / Zip Code
StateProvince	State / Province
Id	Company ID The ILSmart ID assigned to the company for which to retrieve the contact information.
MroRfqContact	This node is comprised of the following fields and nodes, which are described below: • CompanyId • ContactId • Email • Fax • Name • Phone • Title
CompanyId	Company ID

Field/Node	Description
ContactId	Contact ID
Email	Email
Fax	This node is comprised of the following fields, which are described below: • CountryCallingCode • PhoneNumber
CountryCallingCode	Country Calling Code
PhoneNumber	Fax Number
Name	MRO RFQ Contact Name
Phone	This node is comprised of the following fields, which are described below: • CountryCallingCode • Extension • PhoneNumber
CountryCallingCode	Country Calling Code
Extension	Extension
PhoneNumber	Phone Number
Title	MRO RFQ Contact's Title
PartsRfqContact	This node is comprised of the following fields and nodes, which are described below: • CompanyId • ContactId • Email • Fax • Name • Phone • Title
CompanyId	Company ID
ContactId	Contact ID
Email	Email
Fax	This node is comprised of the following fields, which are described below: • CountryCallingCode • PhoneNumber
CountryCallingCode	Country Calling Code
PhoneNumber	Fax Number
Name	Parts RFQ Contact Name
Phone	This node is comprised of the following fields, which are described below: • CountryCallingCode • Extension • PhoneNumber
CountryCallingCode	Country Calling Code
Extension	Extension

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Field/Node	Description
PhoneNumber	Phone Number
Title	Parts RFQ Contact's Title
SalesContact	This node is comprised of the following fields and nodes, which are described below: • CompanyId • ContactId • Email • Fax • Name • Phone • Title
CompanyId	Company ID
ContactId	Contact ID
Email	Email
Fax	This node is comprised of the following fields, which are described below: • CountryCallingCode • PhoneNumber
CountryCallingCode	Country Calling Code
PhoneNumber	Fax Number
Name	Sales Contact Name
Phone	This node is comprised of the following fields, which are described below: • CountryCallingCode • Extension • PhoneNumber
CountryCallingCode	Country Calling Code
Extension	Extension
PhoneNumber	Phone Number
Title	Sales Contact's Title
SupplierCAGE	Supplier's Commercial and Government Entity (CAGE) Code

6. SendPartQuotes

The **SendPartQuotes** operation sends a quote in reply to parts Request for Quotes (RFQs) received on ILSmart. This web service is used in conjunction with the **GetNewRfqsReceived** and/or the **GetRfqsReceivedByDate** services, which must be called individually.

Please note, ALL items on the RFQ must be either Quoted or No-Quoted; otherwise, a fault will be generated and the request will fail.

The response will return the quote, as sent to the Buyer.

This web service is currently not available for Marine customers.

a. SendPartQuotes Request

The fields must be sent in the following order:

Field/Node	Required	Description
SendPartQuotes		The **SendPartQuotes** request is comprised of the following fields and nodes, which are described below: • Password • Quotes • UserId
Quotes		This node is comprised of the following fields and nodes, which are described below: • Comments • Quote • RfqId
Comments		Quote Comments
Quote		This node is comprised of the following nodes, which are described below: • QuotedPartInput.
QuotedPartInput		This node **must** be repeated for each **ItemSupplierPartId** on the RFQ to be quoted. It is comprised of the following fields and nodes, which are described below: • ItemSupplierPartId • NoQuote • Part The **Part** node is required if the NoQuote indicator is **false**.
ItemSupplierPartId	Yes	Item Supplier Part ID A unique ID for a specific part from a specific Supplier on a specific RFQ. It uniquely identifies to the ILS systems exactly which part is being quoted. The Item Supplier Part ID is provided in the RFQ Retrieval web service response.

Field/Node	Required	Description
NoQuote		No Quote Indicator

Valid values are **true** and **false**. |
| Part | | This node is comprised of the following fields and nodes, which are described below:

- AltPartNumber
- Conditions
- PartNumber |
| AltPartNumber | | Alternate Part Number |
| Conditions | | The **Conditions** node describes how you, as the Supplier, responded to the specified RFQ. This node is comprised of the following fields and nodes, which are described below:

- QuotedCondition

You may quote more condition codes than the Buyer requested in the RFQ. |
| QuotedCondition | | The **QuotedCondition** node describes the specific part you, as the Supplier, are quoting in response to the part the Buyer requested in the RFQ. This node is comprised of the following fields, which are described below:

- ConditionCd
- ItemComments
- LeadTime
- MinQuantity
- Price
- PriceType
- Quantity
- QuoteId
- TagDate
- Traceability
- UnitofMeasure

This node will be repeated for each condition code being quoted. |
| ConditionCd | Yes | Condition Code |
| ItemComments | | Item Comments

The Item Comments field is for part-level specific comments. |
LeadTime		Lead Time
MinQuantity		Minimum Order Quantity
Price	Yes	Price
PriceType	Yes	Price Type

The valid values are:

- Exchange
- Outright |
| Quantity | Yes | Quantity |

Field/Node	Required	Description
QuoteId		Quote ID
TagDate		Tag Date
Traceability		Traceability The valid values are: • **0078** = TCCA Form 24-0078 • **121** = CFR Part 121 • **129** = CFR Part 129 • **135** = CFR Part 135 • **145** = CFR Part 145 • **8130** = FAA Form 8130 • **C917** = CASA Form 917 • **COFC** = Certificate of Conformity • **EASA** = EASA • **OEM** = OEM • **OTH** = Other • **TCFO** = TCCA Form One
UnitofMeasure		Unit of Measure
PartNumber	Yes	Part Number
RfqId	Yes	RFQ ID A unique ID for the RFQ that is returned by the RFQ Retrieval services. It identifies the RFQ within the ILS system.
Password	Yes	Your ILSmart Password
UserId	Yes	Your ILSmart ID

b. *SendPartQuotes Response*

Field/Node	Description
SendPartQuotesResponse	The **SendPartQuotes** response is comprised of the following nodes, which are described below: • Fault • PartsRfqQuote
Fault	See **Appendix A** for information regarding Fault Handling.
PartsRfqQuote	This node describes the quote(s) the system generated in response to your request and is comprised of the following fields and nodes, which are described below: • Attachments • Parts • ReferenceNumber • RfqId • Supplier

Field/Node	Description
Attachments	Attachments If attachments are available, the web service will return a **DocumentID** for each attachment. This ID may be passed to the **GetRfqAttachedDocuments** web service to retrieve the attachments.
Attachment	This node is comprised of the following fields, which are described below: • DocumentId • FileName
DocumentId	Document ID A unique ID assigned to each document attached to the RFQ.
FileName	Document File Name
Parts	This node is comprised of the following node, which is described below: • QuoteRequestedPart
QuoteRequestedPart	The **QuoteRequestedPart** node describes what the Buyer requested in the RFQ. This node is repeated for each part the Buyer requested and is comprised of the following fields and nodes, which are described below: • AltPartNumber • Description • ItemId • ItemSupplierPartId • NoQuote • PartNumber • Quote
AltPartNumber	Alternate Part Number
Description	Description
ItemId	Item ID A unique numeric ID assigned by ILS and used when sending Quotes.
ItemSupplierPartId	Item Supplier Part ID A unique ID for a specific part from a specific Supplier on a specific RFQ. It uniquely identifies to the ILS systems exactly which part is being quoted. The Item Supplier Part ID is provided in the RFQ Retrieval web service responses.
NoQuote	No Quote Indicator Valid values are **true** and **false**.
PartNumber	Part Number
Quote	The **Quote** node describes a specific part. This node is comprised of the following fields and nodes, which are described below: • AltPartNumber • Conditions • PartNumber
AltPartNumber	Alternate Part Number
PartNumber	Part Number

Field/Node	Description
Conditions	The **Conditions** node contains your responses to a specific part in the RFQ. This node is comprised of the following fields and nodes, which are described below: • QuotedConditions You may quote more condition codes that the Buyer requested in the RFQ.
QuotedCondition	The **QuotedCondition** node describes the specific part you, as the Supplier, are quoting in response to the part the Buyer requested in the RFQ. This node is comprised of the following fields, which are described below: • ConditionCd • ItemComments • LeadTime • MinQuantity • Price • PriceType • Quantity • QuoteId • TagDate • Traceability • UnitofMeasure This node will be repeated for each condition code being quoted.
ConditionCd	Condition Code
ItemComments	Item-Level Comments
LeadTime	Lead Time
MinQuantity	Minimum Order Quantity
Price	Price
PriceType	Price Type The valid values are: • Exchange • Outright
Quantity	Quantity
QuoteId	Quote ID
TagDate	Tag Date

Field/Node	Description
Traceability	Traceability The valid values are: • **0078** = TCCA Form 24-0078 • **121** = CFR Part 121 • **129** = CFR Part 129 • **135** = CFR Part 135 • **145** = CFR Part 145 • **8130** = FAA Form 8130 • **C917** = CASA Form 917 • **COFC** = Certificate of Conformity • **EASA** = EASA • **OEM** = OEM • **OTH** = Other • **TCFO** = TCCA Form One
UnitofMeasure	Unit of Measure
ReferenceNumber	Reference Number
RfqId	RFQ ID A unique ID assigned by ILS to the RFQ that you, as the Supplier, are responding to.
Supplier	This node is comprised of the following fields and nodes, which are described below: • CompanyAddress • Id • Name • RfqContact
CompanyAddress	This node is comprised of the following fields, which are described below: • Address1 • Address2 • City • PostalCode • StateProvince
Address1	Address Line 1
Address2	Address Line 2
City	City
PostalCode	Postal / Zip Code
StateProvince	State or Province Postal Abbreviation

Field/Node	Description
RfqContact	This node is comprised of the following fields and nodes, which are described below: • CompanyId • ContactId • Email • Fax • Name • Phone • Title
CompanyId	Company ID
ContactId	Contact ID
Email	Email Address
Fax	This node is comprised of the following fields, which are described below: • CountryCallingCode • PhoneNumber
CountryCallingCode	Country Calling Code
PhoneNumber	Phone Number
Name	Contact's Name
Phone	This node is comprised of the following fields, which are described below: • CountryCallingCode • PhoneNumber • Extension
CountryCallingCode	CountryCallingCode
PhoneNumber	Phone Number
Extension	Extension
Title	Contact's Title

AUTO RFQ WEB SERVICES

1. SendQuickRfq

The **SendQuickRfq** webs service mirrors the functionality of the Quick RFQ on ILSmart. The web service executes a Parts Availability search, sends the RFQ to each matching Supplier and returns data describing the RFQ(s) as sent.

This web service is generally used when a Buyer has a large number of parts to source and wishes to generate a large volume of quotes.

a. SendQuickRfq Request

The fields must be sent in the following order:

Field/Node	Required	Description
SendQuickRfq		The **SendQuickRfq** request is comprised of the following fields and nodes, which are described below: • ConditionCodes • IncludeMcrlXref • IncludePmaCrossRef • Location • Parts • Password • PreferredVendorGroupId • UserId
ConditionCodes	Yes	Condition Codes You must specify at least one Condition Code. RFQs will only be created where the listings match the condition code(s) specified.
IncludeMcrlXref		Run with MCRL Cross-Reference You must purchase the MCRL Cross-Reference option for the ID making the web service calls. Valid values are **true** and **false**.
IncludePmaXref		Run with PMA Cross-Reference You must purchase the PMA Cross-Reference option for the ID making the web service calls. Valid values are **true** and **false**.

Field/Node	Required	Description
Location		Location This is a placeholder for future functionality.
Parts	Yes	The **Parts** node is comprised of the following nodes, which are described below: • QuickRfqPartInput
QuickRfqPartInput	Yes	The **QuickRfqPartInput** node describes the part number(s) to be included in the RFQ. It is comprised of the following fields, which are described below: • Description • PartNumber • Quantity
Description		Description
PartNumber	Yes	Part Number
Quantity	Yes	Quantity
Password	Yes	Your ILSmart Password
PreferredVendorGroupId		Preferred Vendor Group ID Specifies a Preferred Vendor Group. RFQs will be sent only to the Suppliers included in the specified group. The Preferred Vendor Group ID can be retrieved by calling the **GetPreferredVendorGroups** web service.
UserId	Yes	Your ILSmart ID

b. *SendQuickRfq Response*

Field/Node	Description
SendQuickRfqResponse	The **SendQuickRfq** response is comprised of the following nodes, which are described below: • Fault • Rfq
Fault	See **Appendix A** for information regarding Fault Handling.

Field/Node	Description
Rfq	This node represents the RFQ(s) sent in response to your request. It is comprised of the following fields and nodes, which are described below: • RfqId • Attachments • CloseDate • Comments • ContactInfo • CreateDate • DeliverByDate • EntryCode • Priority • QuoteWithinDays • ReferenceNumber • RequestedItems
RfqId	RFQ ID A unique ID assigned by ILS to the RFQ being created. This ID may be used as a parameter in other web service calls.
Attachments	Attachments If attachments are available, the web service will return a **DocumentId** for each attachment. This ID may be passed to the **GetRfqAttachedDocuments** web service to retrieve the attachments.
Attachment	This node may be repeated multiple times. It is comprised of the following fields, which are described below: • DocumentId • FileName
DocumentId	Document ID A unique ID assigned to each document attached to the RFQ.
Name	Document File Name
CloseDate	Close Date
Comments	Comments
ContactInfo	This node is comprised of the following nodes, which are described below: • rfqRecipient • rfqSender
rfqSender	This node will be NULL for all Buyer RFQ services.
rfqRecipient	The **rfqRecipient** node describes the Suppliers to whom the RFQ was sent. This node is comprised of the following nodes, which are described below: • rfqRecipient • rfqSender
CompanyName	Company Name

Field/Node	Description
IlsContact	This node is comprised of the following fields and nodes, which are described below: • CompanyId • ContactId • Email • Fax • Name • Phone • Title
CompanyId	Supplier's Company ID
ContactId	Contact ID A unique id assigned to the contact by ILS.
Email	Email Address
Fax	This node is comprised of the following fields, which are described below: • CountryCallingCode • PhoneNumber
CountryCallingCode	Country Calling Code
PhoneNumber	Fax Number
Name	Contact Name
Title	Contact's Title
Phone	This node is comprised of the following fields, which are described below: • CountryCallingCode • Extension • PhoneNumber
CountryCallingCode	Country Calling Code
Extension	Extension
PhoneNumber	Phone Number
CreateDate	Create Date
DeliverByDate	Deliver By Date
EntryCode	Entry Code A random combination of letters and numbers used to access the quote.ilsmart.com website.
Priority	This node is comprised of the following fields, which are described below: • Code • Name
Code	Priority Code An abbreviation that corresponds to the Priority Name. Valid values are: • **AOG** = Aircraft on Ground • **CRI** = Critical • **EXP** = Expedited • **ROU** = Routine

Field/Node	Description
Name	Priority Name An abbreviation that corresponds to the Priority Code. Valid values are: • Aircraft On Ground • Critical • Expedite • Routine
QuoteWithinDays	Quote Within Days The number of days in which the Supplier has to send a Quote before the RFQ closes. Quotes cannot be sent for closed RFQs.
ReferenceNumber	Reference Number A number or description entered by the Buyer to identify the RFQ. This field may **NOT** be unique.
RequestedItems	This node is comprised of the following nodes, which are described below: • Item
Item	This node is comprised of the following nodes, which are described below: • RfqRequestedPart
RfqRequestedPart	The RfqRequestedPart describes what the Buyer is seeking. This node may be repeated multiple times. It is comprised of the following fields and nodes, which are described below: • Description • ItemId • ItemNumber • PartNumber • Quantity • SupplierListings
Description	Description
ItemId	Item ID A unique numeric ID assigned by ILS and used when sending Quotes.
ItemNumber	Item Number
PartNumber	Part Number
Quantity	Quantity
SupplierListings	The **SupplierListings** node identifies each Supplier that received your RFQ and the parts requested from that Supplier. This node may be repeated multiple times. It is comprised of the following nodes, which are described below: • SupplierPartListing

Field/Node	Description
SupplierPartListing	This node may be repeated multiple times. It is comprised of the following fields and nodes, which are described below: • PartListings • SupplierId
SupplierId	Supplier's Company ID
PartListings	This is comprised of the following nodes, which are described below: • PartListing
PartListing	This node may be repeated multiple times. It is comprised of the following fields, which are described below: • AltPartNumber • AltQuantity • ConditionCode • Description • ItemSupplierPartId • PartNumber • Quantity • TraceabilityCode
AltPartNumber	Alternate Part Number
AltQuantity	Alternate Quantity Non-numeric quantities will appear in this field. Valid values are: • MREP • MFG • RQST • PMA
ConditionCode	Condition Code
Description	Description
ItemSupplierPartId	Item Supplier Part ID A unique identifier for a specific part from a specific Supplier on a specific RFQ. It uniquely identifies to the ILS systems exactly which part is being requested.
PartNumber	Part Number
Quantity	Quantity
TraceabilityCode	Traceability Code This field should be NULL for Send RFQ web services.

2. GetRfqAttachedDocuments

The **GetRfqAttachedDocuments** web service retrieves all documents that are attached to a parts Request for Quotes (RFQs) received on ILSmart.

This web service can be used in conjunction with any of the RFQ retrieval web services.

a. *GetRfqAttachedDocuments Request*

The fields must be sent in the following order:

Field/Node	Required	Description
GetRfqAttachedDocuments		The **GetRfqAttachedDocuments** request is comprised of the following fields, which are described below: • DocumentId • Password • RfqId • UserId
DocumentId	Yes	A unique ID for the document attached to the RFQ that is returned by the RFQ retrieval web services.
Password	Yes	Your ILSmart Password
RfqId	Yes	A unique ID for the RFQ that is returned by the RFQ Retrieval services.
UserId	Yes	Your ILSmart ID

b. *GetRfqAttachedDocuments Response*

Field/Node	Description
GetRfqAttachedDocumentsResponse	The **GetRfqAttachedDocuments** response is comprised of the following nodes, which are described below: • Fault • Document
Fault	See **Appendix A** for information regarding Fault Handling.
Document	The **Document** node may be repeated multiple times. It is comprised of the following fields, which are described below: • Content • Id • Name • Type
Content	Contents of the attachment
Id	Document ID
Name	Document File Name
Type	Document Type

3. GetPreferredVendorGroups

The **GetPreferredVendorGroups** operation retrieves the Preferred Vendor Group(s) for a specific ILSmart user. Suppliers added to your Preferred Vendor Group(s) appear at the top of the search results on ILSmart. They are indicated in the search results by the letter **P** to the left of the Supplier's Company Name on ILSmart.com.

This web service is used in conjunction with the **SendQuickRfq** web service. When a Preferred Vendor Group is specified in the **SendQuickRfq** web service request, the RFQs created will only be sent to the Suppliers included in that group.

a. *GetPreferredVendorGroups Request*

The fields must be sent in the following order:

Field/Node	Required	Description
GetPreferredVendorGroup		The **GetPreferredVendorGroup** request is comprised of the following fields, which are described below: • Password • UserId
Password	Yes	Your ILSmart Password
UserId	Yes	Your ILSmart ID

b. *GetPreferredVendorGroups Response*

Field/Node	Description
GetPreferredVendorGroupResponse	The **GetPreferredVendorGroup** response is comprised of the following fields and nodes, which are described below: • Fault • PvgId • PvgName
Fault	See **Appendix A** for information regarding Fault Handling.
PvgId	Preferred Vendor Group ID
PvgName	Preferred Vendor Group Name

BUYER BUNDLE

1. SendPartRfq

The **SendPartRfq** operation sends a parts Request for Quote (RFQ) on ILSmart. The service returns data describing the RFQ as sent.

This web service must be used in conjunction with the **GetPartsAvailability** web service as it requires inputs from this service in order to create an RFQ.

This web service is currently not available for Marine customers.

a. SendPartRfq Request

The fields must be sent in the following order:

Field/Node	Required	Description
SendPartRfq		The **SendPartRfq** request is comprised of the following fields and nodes, which are described below: • InputRfq • Password • UserId
InputRfq		This node is comprised of the following fields and nodes, which are described below: • Comment • DeliverByDate • Parts • Priority • QuoteWithinDays • ReferenceNumber
Comment		Comments
DeliverByDate		Deliver By Date
Parts		This node is comprised of the following nodes, which are described below: • PartSearchResultInput

Field/Node	Required	Description
PartSearchResultInput		This node may be repeated multiple times. It is comprised of the following fields are nodes, which are described below: • AlternatePartNumber • BuyerPartDescription • ConditionCode • Description • PartEntered • PartNumber • Quantity • SearchPartId • SupplierId
AlternatePartNumber		Alternate Part Number
BuyerPartDescription		Buyer Part Description The description as entered in the **GetPartsAvailability** request
ConditionCode		Condition Code
Description		Description
PartEntered	Yes	Part Number Entered The part number as entered in the **GetPartsAvailability** request
PartNumber		Part Number
Quantity		Quantity
SearchPartId		Search Part ID
SupplierId		Supplier's Company ID
Priority		Priority Valid values are: • **AircraftOnGround** = Aircraft on Ground • **Critical** = Critical • **Expedite** = Expedited • **Routine** = Routine • **None**
QuoteWithinDays		Quote Within Days The number of days in which the Supplier has to send a Quote before the RFQ closes. Quotes cannot be sent for closed RFQs.
ReferenceNumber		Reference Number A number or description entered by the Buyer to identify the RFQ. This field may **NOT** be unique.
Password	Yes	Your ILSmart Password
UserId	Yes	Your ILSmart ID

b. *SendPartRfq Response*

Field/Node	Description
SendPartRfqResponse	The SendPartRfq response is comprised of the following nodes, which are described below: • Fault • RfqResult
Fault	See **Appendix A** for information regarding Fault Handling.
Rfq	This node is comprised of the following fields and nodes, which are described below: • Attachments • CloseDate • Comments • ContactInfo • CreateDate • DeliverByDate • EntryCode • Priority • QuoteWithinDays • ReferenceNumber • RequestedItems • RfqId
Attachments	Attachments If attachments are available, the web service will return a **DocumentId** for each attachment. This ID may be passed to the **GetRfqAttachedDocuments** web service to retrieve the attachments.
Attachment	This node may be repeated multiple times. It is comprised of the following fields, which are described below: • DocumentId • FileName
DocumentId	Document ID A unique ID assigned to each document attached to the RFQ.
Name	Document File Name
CloseDate	Close Date
Comments	Comments
ContactInfo	This node is comprised of the following nodes, which are described below: • rfqRecipient • rfqSender
rfqSender	This node will be NULL for all Buyer RFQ services.
rfqRecipient	The **rfqRecipient** node describes each Supplier to whom the RFQ was sent. This node is comprised of the following nodes, which are described below: • IlsContacts

Field/Node	Description
IlsContacts	This node is comprised of the following nodes, which are described below: • IlsContact
IlsContact	This node is comprised of the following fields and nodes, which are described below: • CompanyId • ContactId • Email • Fax • Name • Phone • Title
CompanyId	Supplier's Company ID
ContactId	Contact ID A unique id assigned to the contact by ILS.
Email	Email Address
Fax	This node is comprised of the following fields, which are described below: • CountryCallingCode • PhoneNumber
CountryCallingCode	Country Calling Code
PhoneNumber	Fax Number
Name	Contact Name
Title	Contact's Title
Phone	This node is comprised of the following fields, which are described below: • CountryCallingCode • Extension • PhoneNumber
CountryCallingCode	Country Calling Code
Extension	Extension
PhoneNumber	Phone Number
CreateDate	Create Date
DeliverByDate	Deliver By Date
EntryCode	Entry Code A random combination of letters and numbers used to access the quote.ilsmart.com website.
Priority	This node is comprised of the following fields, which are described below: • Code • Name

Field/Node	Description
Code	Priority Code An abbreviation that corresponds to the Priority Name. Valid values are: • **AOG** = Aircraft on Ground • **CRI** = Critical • **EXP** = Expedited • **ROU** = Routine
Name	Priority Name An abbreviation that corresponds to the Priority Code. Valid values are: • Aircraft On Ground • Critical • Expedite • Routine
QuoteWithinDays	Quote Within Days The number of days in which the Supplier has to send a Quote before the RFQ closes. Quotes cannot be sent for closed RFQs.
ReferenceNumber	Reference Number A number or description entered by the Buyer to identify the RFQ. This field may **NOT** be unique.
RequestedItems	This node is comprised of the following nodes, which are described below: • Item
Item	This node may be repeated multiple times. It is comprised of the following fields are nodes, which are described below: • RfqRequestedPart
RfqRequestedPart	The **RfqRequestedPart** node describes what the Buyer is seeking. It is comprised of the following fields and nodes, which are described below: • Description • ItemId • ItemNumber • PartNumber • Quantity • SupplierListings
Description	Description
ItemId	Item ID A unique numeric ID assigned by ILS and used when sending Quotes.
ItemNumber	Item Number
PartNumber	Part Number
Quantity	Quantity
SupplierListings	The SupplierListings node describes the search results seen by the Buyer. This node is comprised of the following nodes, which are described below: • SupplierPartListing

Field/Node	Description
SupplierPartListing	This node may be repeated multiple times. It is comprised of the following fields and nodes, which are described below: • PartListings • SupplierId
SupplierId	Supplier's Company ID
PartListings	This node is comprised of the following nodes, which are described below: • PartListing
PartListing	This node may be repeated multiple times. It is comprised of the following fields, which are described below: • AltPartNumber • AltQuantity • ConditionCode • Description • ItemSupplierPartId • PartNumber • Quantity • TraceabilityCode
AltPartNumber	Alternate Part Number
AltQuantity	Alternate Quantity Non-numeric quantities will appear in this field. Valid values are: • MREP • MFG • RQST • PMA
ConditionCode	Condition Code
Description	Description
ItemSupplierPartId	Item Supplier Part ID A unique identifier for a specific part from a specific Supplier on a specific RFQ. It uniquely identifies to the ILS systems exactly which part is being quoted.
PartNumber	Part Number
Quantity	Quantity
TraceabilityCode	Traceability Code This field should be NULL for Send RFQ web services.
RfqId	RFQ ID A unique ID assigned to the RFQ. This ID may be used as a parameter in other web service calls.

2. GetRfqsSentByDate

The **GetRfqsSentByDate** operation retrieves all parts RFQs sent on ILSmart on a specified date. This web service is typically used to locate a RFQ referenced by an incoming quote.

This web service is currently not available for Marine customers.

a. *GetRfqsSentByDate Request*

The fields must be sent in the following order:

Field/Node	Required	Description
GetRfqsSentByDate		The **GetRfqsSentByDate** request is comprised of the following fields, which are described below: • DateToRetrieve • Password • UserId
DateToRetrieve	Yes	Date To Retrieve
Password	Yes	Your ILSmart Password
UserId	Yes	Your ILSmart ID

b. *GetRfqsSentByDate Response*

Field/Node	Description
GetRfqsSentByDateResponse	The **GetRfqsSentByDate** response is comprised of the following nodes, which are described below: • Fault • Rfq
Fault	See **Appendix A** for information regarding Fault Handling.
Rfq	This node is comprised of the following fields and nodes, which are described below: • Attachments • CloseDate • Comments • ContactInfo • CreateDate • DeliverByDate • EntryCode • Priority • QuoteWithinDays • ReferenceNumber • RequestedItems • RfqId

Field/Node	Description
Attachments	Attachments If attachments are available, the web service will return a **DocumentId** for each attachment. This ID may be passed to the **GetRfqAttachedDocuments** web service to retrieve the attachments.
Attachment	This node may be repeated multiple times. It is comprised of the following fields, which are described below: • DocumentId • FileName
DocumentId	Document ID A unique ID assigned to each document attached to the RFQ.
Name	Document File Name
CloseDate	Close Date
Comments	Comments
ContactInfo	This node is comprised of the following nodes, which are described below: • rfqRecipient • rfqSender
rfqSender	This node will be NULL for all Buyer RFQ services.
rfqRecipient	The **rfqRecipient** node describes each Supplier to whom the RFQ was sent. This node is comprised of the following nodes, which are described below: • IlsContacts
IlsContacts	This node is comprised of the following nodes, which are described below: • IlsContact
IlsContact	This node is comprised of the following fields and nodes, which are described below: • CompanyId • ContactId • Email • Fax • Name • Phone • Title
CompanyId	Supplier's Company ID
ContactId	Contact ID A unique id assigned to the contact by ILS.
Email	Email Address

Field/Node	Description
Fax	This node is comprised of the following fields, which are described below: • CountryCallingCode • PhoneNumber
CountryCallingCode	Country Calling Code
PhoneNumber	Fax Number
Name	Contact Name
Title	Contact's Title
Phone	This node is comprised of the following fields, which are described below: • CountryCallingCode • Extension • PhoneNumber
CountryCallingCode	Country Calling Code
Extension	Extension
PhoneNumber	Phone Number
CreateDate	Create Date
DeliverByDate	Deliver By Date
EntryCode	Entry Code A random combination of letters and numbers used to access the quote.ilsmart.com website.
Priority	This node is comprised of the following fields, which are described below: • Code • Name
Code	Priority Code An abbreviation that corresponds to the Priority Name. Valid values are: • **AOG** = Aircraft on Ground • **CRI** = Critical • **EXP** = Expedited • **ROU** = Routine
Name	Priority Name An abbreviation that corresponds to the Priority Code. Valid values are: • Aircraft On Ground • Critical • Expedite • Routine
QuoteWithinDays	Quote Within Days The number of days in which the Supplier has to send a Quote before the RFQ closes. Quotes cannot be sent for closed RFQs.

Field/Node	Description
ReferenceNumber	Reference Number A number or description entered by the Buyer to identify the RFQ. This field may **NOT** be unique.
RequestedItems	This node is comprised of the following nodes, which are described below: • Item
Item	This node may be repeated multiple times. It is comprised of the following fields are nodes, which are described below: • RfqRequestedPart
RfqRequestedPart	The **RfqRequestedPart** node describes what the Buyer is seeking. It is comprised of the following fields and nodes, which are described below: • Description • ItemId • ItemNumber • PartNumber • Quantity • SupplierListings
Description	Description
ItemId	Item ID A unique numeric ID assigned by ILS and used when sending Quotes.
ItemNumber	Item Number
PartNumber	Part Number
Quantity	Quantity
SupplierListings	The SupplierListings node describes the search results seen by the Buyer. This node is comprised of the following nodes, which are described below: • SupplierPartListing
SupplierPartListing	This node may be repeated multiple times. It is comprised of the following fields and nodes, which are described below: • PartListings • SupplierId
SupplierId	Supplier's Company ID
PartListings	This node is comprised of the following nodes, which are described below: • PartListing

Field/Node	Description
PartListing	This node may be repeated multiple times. It is comprised of the following fields, which are described below: • AltPartNumber • AltQuantity • ConditionCode • Description • ItemSupplierPartId • PartNumber • Quantity • TraceabilityCode
AltPartNumber	Alternate Part Number
AltQuantity	Alternate Quantity Non-numeric quantities will appear in this field. Valid values are: • MREP • MFG • RQST • PMA
ConditionCode	Condition Code
Description	Description
ItemSupplierPartId	Item Supplier Part ID A unique identifier for a specific part from a specific Supplier on a specific RFQ. It uniquely identifies to the ILS systems exactly which part is being quoted.
PartNumber	Part Number
Quantity	Quantity
TraceabilityCode	Traceability Code This field should be NULL for Send RFQ web services.
RfqId	RFQ ID A unique ID assigned to the RFQ. This ID may be used as a parameter in other web service calls.

3. GetRfqCompanyInformation

The **GetRfqCompanyInformation** operation retrieves the contact information for a specified ILSmart customer ID associated with a specified RFQ. It can only be called by the Supplier or Buyer listed on the specified RFQ.

This web service can be used in conjunction with any of the RFQ Retrieval services.

This web service is currently not available for Marine customers.

a. GetRfqCompanyInformation Request

The fields must be sent in the following order:

Field/Node	Required	Description
GetRfqCompanyInformation		The **GetRfqCompanyInformation** request is comprised of the following fields, which are described below: • Password • UserId
Password	Yes	Your ILSmart Password
UserId	Yes	Your ILSmart ID

b. GetRfqCompanyInformation Response

Field/Node	Description
GetRfqCompanyInformationResponse	The **GetRfqCompanyInformation** response is comprised of the following fields and nodes, which are described below: • Fault • RfqCompany
Fault	See **Appendix A** for information regarding Fault Handling.
RfqCompany	The **RfqCompany** node is comprised of the following fields and nodes, which are described below: • AccreditedVendorLevel • RfqCompany • AccreditedVendorLevel • AdditionalInfo • CompanyAddress • Id • MroRfqContact • PartsRfqContact • SalesContact • SupplierCage

Field/Node	Description
AccreditedVendorLevel	Accredited Vendor Level indicator The Accredited Vendor Level (AVP) indicator denotes Suppliers who participate in the ILS Accredited Vendor Program. AVP Suppliers must meet certain requirements to qualify for the program.
AdditionalInfo	Additional Info Additional information from the Supplier that is typically displayed below the Company's name on the Parts Availability search results.
CompanyAddress	This node may be repeated multiple times. It is comprised of the following fields, which are described below: • Address1 • Address2 • City • PostalCode • StateProvince
Address1	Address Line 1
Address2	Address Line 2
City	City
StateProvince	State / Province
PostalCode	Postal / Zip Code
Id	Company ID The ILSmart ID assigned to the company for which to retrieve the contact information.
MroRfqContact	This node is comprised of the following fields, which are described below: • CompanyId • ContactId • Email • Fax • Name • Phone • Title
CompanyId	Company ID
ContactId	Contact ID
Email	Email
Fax	This node is comprised of the following fields, which are described below: • CountryCallingCode • PhoneNumber
CountryCallingCode	Country Calling Code
PhoneNumber	Fax Number
Name	MRO RFQ Contact Name

Field/Node	Description
Phone	This node is comprised of the following fields, which are described below: • CountryCallingCode • PhoneNumber • Extension
CountryCallingCode	Country Calling Code
Extension	Extension
PhoneNumber	Phone Number
Title	MRO RFQ Contact's Title
PartsRfqContact	This node is comprised of the following fields, which are described below: • CompanyId • ContactId • Email • Fax • Name • Phone • Title
CompanyId	Company ID
ContactId	Contact ID
Email	Email
Fax	This node is comprised of the following fields, which are described below: • CountryCallingCode • PhoneNumber
CountryCallingCode	Country Calling Code
PhoneNumber	Fax Number
Name	Parts RFQ Contact Name
Phone	This node is comprised of the following fields, which are described below: • CountryCallingCode • PhoneNumber • Extension
CountryCallingCode	Country Calling Code
Extension	Extension
PhoneNumber	Phone Number
Title	Parts RFQ Contact's Title

Field/Node	Description
SalesContact	This node is comprised of the following fields, which are described below: • CompanyId • ContactId • Email • Fax • Name • Phone • Title
CompanyId	Company ID
ContactId	Contact ID
Email	Email
Fax	This node is comprised of the following fields, which are described below: • CountryCallingCode • PhoneNumber
CountryCallingCode	Country Calling Code
PhoneNumber	Fax Number
Name	Sales Contact Name
Phone	This node is comprised of the following fields, which are described below: • CountryCallingCode • PhoneNumber • Extension
CountryCallingCode	Country Calling Code
Extension	Extension
PhoneNumber	Phone Number
Title	Sales Contact's Title
SupplierCAGE	Supplier's Commercial and Government Entity (CAGE) Code

4. GetNewPartQuotesReceived

The **GetNewPartQuotesReceived** operation retrieves all parts quotes received on ILSmart since the last time the service was called.   Once an RFQ is sent, your system can periodically check for any quotes received in response. The incoming quote will reference the original RFQ.

You are encouraged to call this web service every few minutes to ensure you have the most recent data. It is not recommended to call this service more frequently than every 5 minutes.

This web service is often used in conjunction with the **SendPartsRfq** web service.

This web service is currently not available for Marine customers.

a. *GetNewPartQuotesReceived Request*

The fields must be sent in the following order:

Field/Node	Required	Description
GetNewPartQuotesReceived		The **GetNewPartQuotesReceived** request is comprised of the following fields, which are described below: • IncludeQuotesForClosedRfqs • Password • UserId
IncludeQuotesForClosedRfqs	Yes	Retrieve Quotes for Closed RFQs Valid values are **true** or **false**.
Password	Yes	Your ILSmart Password
UserId	Yes	Your ILSmart ID

b. *GetNewPartQuotesReceived Response*

Field/Node	Description
GetNewPartQuotesReceivedResponse	The **GetNewPartQuotesReceived** request is comprised of the following nodes, which are described below: • Fault • PartQuotes
Fault	See **Appendix A** for information regarding Fault Handling.
PartQuotes	This node is comprised of the following fields and nodes, which are described below: • MoreQuotesAvailable • Quote

Field/Node	Description
MoreQuotesAvailable	More Quotes Available Indicator The web service is currently throttled to return a maximum of 100 quotes in a single web service call. This number is subject to change. Call the web service again to retrieve additional quotes. Valid values are **true** or **false**.
Quote	This node is comprised of the following nodes, which are described below: • PartsRfqQuote
PartsRfqQuote	This node is comprised of the following fields and nodes, which are described below: • Attachments • Parts • Reference Number • RfqId • Supplier
Attachments	The **Attachments** node is comprised of the following nodes, which are described below: • Attachment
Attachment	The **Attachment** node may be repeated multiple times. It is comprised of the following fields, which are described below: • DocumentId • FileName If attachment(s) are available, the web service will return a **DocumentId** for each attachment. This ID may be passed to the **GetRfqAttachedDocuments** web service to retrieve the attachment(s).
DocumentId	Document ID A unique ID assigned to each document attached to the RFQ.
Name	Document File Name
Parts	This node is comprised of the following nodes, which are described below: • QuoteRequestedPart
ReferenceNumber	Reference Number A number or description entered by the Buyer to identify the RFQ. This field may **NOT** be unique.
RfqId	RFQ ID A unique ID assigned to the RFQ by ILS. In this service, this will be the ID of the RFQ that the Quote is responding to.

Field/Node	Description
Supplier	This node is comprised of the following fields and nodes, which are described below: • CompanyAddress • Id • Name • RfqContact
CompanyAddress	This node is comprised of the following fields and nodes, which are described below: • Address1 • Address2 • City • PostalCode • StateProvince
Address1	Address Line 1
Address2	Address Line 2
City	City
PostalCode	Postal / Zip Code
StateProvince	State / Province Postal Abbreviation
Id	Supplier's Company ID
Name	Supplier's Company Name
RfqContact	The **RfqContact** node describes the Supplier's RFQ Contact information. It is comprised of the following fields and nodes, which are described below: • CompanyId • ContactId • Email • Fax • Name • Phone • Title
CompanyId	Supplier's ILSmart Company ID
ContactId	RFQ Contact ID A unique id assigned to the contact by ILS.
Email	RFQ Contact Email Address
Fax	This node is comprised of the following fields, which are described below: • CountryCallingCode • PhoneNumber
CountryCallingCode	Country Calling Code
PhoneNumber	Phone Number
Name	RFQ Contact Name
Title	RFQ Contact Title

Field/Node	Description
Phone	This node is comprised of the following fields, which are described below: • CountryCallingCode • PhoneNumber • Extension
CountryCallingCode	Country Calling Code
PhoneNumber	Phone Number
Extension	Extension
QuoteRequestedPart	This node is comprised of the following fields and nodes, which are described below: • AltPartNumber • Description • ItemId • ItemSupplierPartId • NoQuote • PartNumber • Quote
AltPartNumber	Alternate Part Number
Description	Description
ItemId	Item ID A unique numeric ID assigned by ILS and used when sending Quotes.
ItemSupplierPartId	Item Supplier Part ID A unique identifier for a specific part from a specific Supplier on a specific RFQ. It uniquely identifies to the ILS systems exactly which part is being quoted.
NoQuote	No Quote Indicator
PartNumber	Part Number
Quote	This node is comprised of the following fields and nodes, which are described below: • AltPartNumber • Conditions • PartNumber
AltPartNumber	Alternate Part Number
PartNumber	Part Number
Conditions	This node is comprised of the following nodes, which are described below: • QuotedConditions

Field/Node	Description
QuotedConditions	This node is comprised of the following fields, which are described below: • ConditionCode • ItemComments • LeadTime • MinQuantity • Price • PriceType • Quantity • QuoteId • TagDate • Traceability • UnitOfMeasure
ConditionCode	Condition Code
ItemComments	Item Comments The Item Comments field is for part-level specific comments.
LeadTime	Lead Time
MinQuantity	Minimum Order Quantity
Price	Price
PriceType	Price Type The valid values are: • Exchange • Outright
Quantity	Quantity
QuoteId	Quote ID
TagDate	Tag Date
Traceability	Traceability The valid values are: • **0078** = TCCA Form 24-0078 • **121** = CFR Part 121 • **129** = CFR Part 129 • **135** = CFR Part 135 • **145** = CFR Part 145 • **8130** = FAA Form 8130 • **C917** = CASA Form 917 • **COFC** = Certificate of Conformity • **EASA** = EASA • **OEM** = OEM • **OTH** = Other • **TCFO** = TCCA Form One
UnitOfMeasure	Unit of Measure

5. GetPartQuotesByDate

The **GetPartQuotesByDate** operation retrieves all parts quotes received on ILSmart.   Once a RFQ is sent, your system can periodically check for any quotes sent in response. The incoming quote will reference the original RFQ.

This web service is often used in conjunction with the **SendPartsRfq** web service.

This web service is currently not available for Marine customers.

a. *GetPartQuotesByDate Request*

The fields must be sent in the following order:

Field/Node	Required	Description
GetPartQuotesByDate		The **GetPartQuotesByDate** request is comprised of the following fields, which are described below: • DatetoRetrieve • Password • UserId
DatetoRetrieve	Yes	Date to Retrieve
Password	Yes	Your ILSmart Password
UserId	Yes	Your ILSmart ID

b. *GetPartQuotesByDate Response*

Field/Node	Description
GetPartQuotesByDateResponse	The **GetPartQuotesByDate** response is comprised of the following fields, which are described below: • Fault • PartQuotes
Fault	See **Appendix A** for information regarding Fault Handling.
PartQuotes	This node is comprised of the following fields and nodes, which are described below: • MoreQuotesAvailable • Quote
MoreQuotesAvailable	More Quotes Available Indicator The web service is currently throttled to return a maximum of 100 quotes in a single web service call. This number is subject to change. Call the web service again to retrieve additional quotes. Valid values are **true** or **false**.

Field/Node	Description
Quote	This node is comprised of the following nodes, which are described below: • PartsRfqQuote
PartsRfqQuote	This node is comprised of the following fields and nodes, which are described below: • Attachments • Parts • Reference Number • RfqId • Supplier
Attachments	The **Attachments** node is comprised of the following nodes, which are described below: • Attachment
Attachment	The **Attachment** node may be repeated multiple times. It is comprised of the following fields, which are described below: • DocumentId • FileName If attachment(s) are available, the web service will return a **DocumentId** for each attachment. This ID may be passed to the **GetRfqAttachedDocuments** web service to retrieve the attachment(s).
DocumentId	Document ID A unique ID assigned to each document attached to the RFQ.
Name	Document File Name
Parts	This node is comprised of the following nodes, which are described below: • QuoteRequestedPart
ReferenceNumber	Reference Number A number or description entered by the Buyer to identify the RFQ. This field may **NOT** be unique.
RfqId	RFQ ID A unique ID assigned to the RFQ by ILS. In this service, this will be the ID of the RFQ that the Quote is responding to.
Supplier	This node is comprised of the following fields and nodes, which are described below: • CompanyAddress • Id • Name • RfqContact

Field/Node	Description
CompanyAddress	This node is comprised of the following fields and nodes, which are described below: • Address1 • Address2 • City • PostalCode • StateProvince
Address1	Address Line 1
Address2	Address Line 2
City	City
PostalCode	Postal / Zip Code
StateProvince	State / Province Postal Abbreviation
Id	Supplier's Company ID
Name	Supplier's Company Name
RfqContact	The **RfqContact** node describes the Supplier's RFQ Contact information. It is comprised of the following fields and nodes, which are described below: • CompanyId • ContactId • Email • Fax • Name • Phone • Title
CompanyId	Supplier's ILSmart Company ID
ContactId	RFQ Contact ID A unique id assigned to the contact by ILS.
Email	RFQ Contact Email Address
Fax	This node is comprised of the following fields, which are described below: • CountryCallingCode • PhoneNumber
CountryCallingCode	Country Calling Code
PhoneNumber	Phone Number
Name	RFQ Contact Name
Title	RFQ Contact Title
Phone	This node is comprised of the following fields, which are described below: • CountryCallingCode • PhoneNumber • Extension
CountryCallingCode	Country Calling Code
PhoneNumber	Phone Number
Extension	Extension

Field/Node	Description
QuoteRequestedPart	This node is comprised of the following fields and nodes, which are described below: • AltPartNumber • Description • ItemId • ItemSupplierPartId • NoQuote • PartNumber • Quote
AltPartNumber	Alternate Part Number
Description	Description
ItemId	Item ID A unique numeric ID assigned by ILS and used when sending Quotes.
ItemSupplierPartId	Item Supplier Part ID A unique identifier for a specific part from a specific Supplier on a specific RFQ. It uniquely identifies to the ILS systems exactly which part is being quoted.
NoQuote	No Quote Indicator
PartNumber	Part Number
Quote	This node is comprised of the following fields and nodes, which are described below: • AltPartNumber • Conditions • PartNumber
AltPartNumber	Alternate Part Number
PartNumber	Part Number
Conditions	This node is comprised of the following nodes, which are described below: • QuotedConditions
QuotedConditions	This node is comprised of the following fields, which are described below: • ConditionCode • ItemComments • LeadTime • MinQuantity • Price • PriceType • Quantity • QuoteId • TagDate • Traceability • UnitOfMeasure
ConditionCode	Condition Code

Field/Node	Description
ItemComments	Item Comments The Item Comments field is for part-level specific comments.
LeadTime	Lead Time
MinQuantity	Minimum Order Quantity
Price	Price
PriceType	Price Type The valid values are: • Exchange • Outright
Quantity	Quantity
QuoteId	Quote ID
TagDate	Tag Date
Traceability	Traceability The valid values are: • **0078** = TCCA Form 24-0078 • **121** = CFR Part 121 • **129** = CFR Part 129 • **135** = CFR Part 135 • **145** = CFR Part 145 • **8130** = FAA Form 8130 • **C917** = CASA Form 917 • **COFC** = Certificate of Conformity • **EASA** = EASA • **OEM** = OEM • **OTH** = Other • **TCFO** = TCCA Form One
UnitOfMeasure	Unit of Measure

BUYER BUNDLE PLUS

The **Buyer Bundle Plus** includes all Search web services discussed in the Search Web Services section as well as the services described in the Buyer Bundle section of this document. Please refer to the previous sections for more information.

- Parts Availability Web Services
- MRO Capabilities Web Service
- Government Data Web Services
- Buyer Bundle

MARINE BUYER BUNDLE

The Marine **Buyer Bundle** includes the following web services:

- GetPartsAvailability
- GetSupplierDirectory
- SendMessageBroadcast
- Auto RFQ Web Services

The **GetSupplierDirectory** and **SendMessageBroadcast** web services are described in detail below. The remaining services are described in previous sections of this document.

1. **GetPartsAvailability**

    Please see the GetPartsAvailability section for more information.

2. **GetSupplierDirectory**

    The **GetSupplierDirectory** web service allows Subscribers to search the ILS Supplier Directory by keyword. The information displayed in the Supplier Directory is provided by and maintained by the Supplier.

    a. *GetSupplierDirectory Request*

    The fields must be sent in the following order:

Field/Node	Required	Description
GetSupplierDirectory		The **GetSupplierDirectory** request is comprised of the following fields, which are described below: • Location • Password • SearchTerm • UserId
Location	No	Location This is a placeholder for future functionality.
Password	Yes	Your ILSmart Password
SearchTerm	Yes	Search Term
UserId	Yes	Your ILSmart ID

b. *GetSupplierDirectory Response*

Field	Description
GetSupplierDirectoryResponse	The **GetSupplierDirectory** response is comprised of the following nodes, which are described below: • Fault • SupplierListings
Fault	See **Appendix A** for information regarding Fault Handling.
SupplierListings	The **SupplierListings** node is comprised of the following nodes, which are described below: • SupplierSearchResult
SupplierSearchResult	The **SupplierSearchResult** node describes the parts, as added. It is comprised of the following fields, which are described below: • AccountingContact • Association • CatalogURL • Certifications • City • CompanyContact • CompanyDesc • CompanyID • CompanyName • CompanyURL • Detail • Distance • EmailAddress • License • RepairServiceOf • RfqContact • State • SupplierContact • SupplierOf
AccountingContact	The **AccountingContact** node is comprised of the following fields, which are described below: • CompanyId • ContactId • Email • Fax • Name • Phone • Title
CompanyId	Supplier's ILSmart Company ID
ContactId	Accounting Contact ID The Contact ID is a unique id assigned to the AccountingContact by ILS.

Field	Description
Email	Accounting Contact Email Address
Fax	This node provides the Contact's fax information. It is comprised of the following fields, which are described below: • CountryCallingCode • FaxNumber
CountryCallingCode	Country Calling Code
FaxNumber	Fax Number
Name	Accounting Contact Name
Phone	This node provides the Contact's phone information. It is comprised of the following fields, which are described below: • CountryCallingCode • PhoneNumber
CountryCallingCode	Country Calling Code
PhoneNumber	Phone Number
Title	Accounting Contact Title
Association	Association Professional organizations that the company is a member of
CatalogURL	Catalog URL
Certifications	The **Certfications** node is comprised of the following node, which is described below: • Certification
Certification	The **Certfications** node is comprised of the following fields, which are described below: • Code • DateRequired • Description • ExpirationDate • IsAVPCertification
Code	Certification Code
DateRequired	Date Required Indicator This field indicates if the certification is required. Valid field values are **true** or **false**.
Description	Certification Name
ExpirationDate	Certification Expiration Date
IsAVPCertification	AVP Certification Indicator This field indicates if the certification qualifies the Supplier to participate in the ILS Accredited Vendor Program. Valid field values are **true** or **false**.
City	City

Field	Description
CompanyContact	The **CompanyContact** node is comprised of the following fields and nodes, which are described below: • CompanyId • ContactId • Email • Fax • Name • Phone • Title
CompanyId	Supplier's ILSmart Company ID
ContactId	Company Contact ID The Contact ID is a unique id assigned to the CompanyContact by ILS.
Email	Company Contact Email Address
Fax	This node provides the Contact's fax information. It is comprised of the following fields, which are described below: • CountryCallingCode • FaxNumber
CountryCallingCode	Country Calling Code
FaxNumber	Fax Number
Name	Company Contact Name
Phone	This node provides the Contact's phone information. It is comprised of the following fields, which are described below: • CountryCallingCode • PhoneNumber
CountryCallingCode	Country Calling Code
PhoneNumber	Phone Number
Title	Company Contact Title
CompanyDesc	Company Description
CompanyID	Supplier's ILSmart Company ID
CompanyName	Company Name
CompanyURL	Company URL
Country	Country
Detail	Detail
Distance	Distance
EmailAddress	Email Address
License	License
RepairServiceOf	Repair/Services Provided

Field	Description
RfqContact	The **RfqContact** node is comprised of the following fields and nodes, which are described below: • CompanyId • ContactId • Email • Fax • Name • Phone • Title
CompanyId	Supplier's ILSmart Company ID
ContactId	RFQ Contact ID The Contact ID is a unique id assigned to the RfqContact by ILS.
Email	RFQ Contact Email Address
Fax	This node provides the Contact's fax information. It is comprised of the following fields, which are described below: • CountryCallingCode • FaxNumber
CountryCallingCode	Country Calling Code
FaxNumber	Fax Number
Name	RFQ Contact Name
Phone	This node provides the Contact's phone information. It is comprised of the following fields, which are described below: • CountryCallingCode • PhoneNumber
CountryCallingCode	Country Calling Code
PhoneNumber	Phone Number
Title	RFQ Contact Title
SupplierContact	The **SupplierContact** node is comprised of the following fields and nodes, which are described below: • CompanyId • ContactId • Email • Fax • Name • Phone • Title
CompanyId	Supplier's ILSmart Company ID
ContactId	Supplier Contact ID The Contact ID is a unique id assigned to the SupplierContact by ILS.
Email	Supplier Contact Email Address

Field	Description
Fax	This node provides the Contact's fax information. It is comprised of the following fields, which are described below: • CountryCallingCode • FaxNumber
CountryCallingCode	Country Calling Code
FaxNumber	Fax Number
Name	Supplier Contact Name
Phone	This node provides the Contact's phone information. It is comprised of the following fields, which are described below: • CountryCallingCode • PhoneNumber
CountryCallingCode	Country Calling Code
PhoneNumber	Phone Number
Title	Supplier Contact Title
SupplierOf	Supplier Of

3. SendMessageBroadcast

The **SendMessageBroadcast** web service allows Subscribers to send Message Broadcasts via ILSmart.com. The web service is currently only available to Marine Subscribers.

a. SendMessageBroadcast Request

The fields must be sent in the following order:

Field/Node	Required	Description
SendMessageBroadcast		The **SendMessageBroadcast** request is comprised of the following fields, which are described below: • Category • Message • Password • Type • UserId

Field/Node	Required	Description
Category	Yes	The valid values are: • **12** = Air Compressors • **13** = Air Conditioning & Refrigeration • **14** = Anchors & Chains • **15** = Bearings • **16** = Boilers • **17** = Bridge Equipment • **18** = Coolers • **19** = Cranes • **20** = Deck Equipment • **21** = Diesel Fuel Systems • **22** = Electric Motors • **23** = Electrical Equip. • **24** = Engines, Diesel • **45** = Engines, Other • **25** = Engines, Diesel Pts • **26** = Fans / Ventilators / Blowers • **27** = Filters/Filtration Equipment • **28** = Fuel • **29** = Gauges • **30** = Generators, Diesel • **46** = Generators, Other • **31** = Governors • **32** = Heat Exchangers • **33** = Hydraulic Equip. • **34** = Other • **35** = Propulsion Systems • **36** = Pumps • **37** = Safety Equipment • **38** = Separators • **39** = Ships • **40** = Test Equipment • **41** = Tools • **42** = Transmission • **43** = Turbochargers • **44** = Valves
Message	Yes	The body of your message
Password	Yes	Your ILSmart password
Type	Yes	The valid values are: • **FS** = For Sale or Trade • **IN** = Informational • **WD** = Wanted
UserId	Yes	Your ILSmart ID

b. SendMessageBroadcast Response

Field/Node	Description
SendMessageBroadcastResponse	The **SendMessageBroadcast** response is comprised of the following fields, which are described below: • Fault • MessageBroadcastId
Fault	See **Appendix A** for information regarding Fault Handling.
MessageBroadcastId	A unique ID assigned by ILS to identify the message broadcast.

4. Auto RFQ Web Services

Please see the Auto RFQ Web Services section for more information.

PARTS STATS WEB SERVICES

1. GetPartInventoryStats

The **GetPartInventoryStats** web service executes the Parts Statistics and Pricing Trends search and returns inventory supply and demand information for a single part number.

This web service is currently not available for Marine customers.

a. *GetPartInventoryStats Request*

The fields must be sent in the following order:

Field/Node	Required	Description
GetPartInventoryStats		The **GetPartInventoryStats** request is comprised of the following fields, which are described below: • ExactMatch • PartNumber • Password • UserId
ExactMatch	Yes	Exact Match The **ExactMatch** parameter allows you to specify whether to execute the search on stripped part number (all special characters removed) or the part number exactly as entered. Valid values are **true** or **false**.
PartNumber	Yes	Part Number
Password	Yes	Your ILSmart Password
UserId	Yes	Your ILSmart ID

b. *GetPartInventoryStats Response*

Field/Node	Description
GetPartInventoryStatsResponse	The **GetPartInventoryStats** request is comprised of the following fields, which are described below: • Fault • InventoryStats
Fault	See **Appendix A** for information regarding Fault Handling.

Field/Node	Description
InventoryStats	This node will be repeated 12 times, once for each Activity Month. Parts Stats data is provided for a rolling 12-month period. It is comprised of the following fields, which are described below: • Part Number • ActivityMonth • ActivityYear • AvailableSources • EndUserCompanies • EndUserInquiries • NonEndUserCompanies • NonEndUserInquiries
PartNumber	Part Number
ActivityMonth	Activity Month
ActivityYear	Activity Year
AvailableQuantity	Available Quantity The total quantity of the part available on ILSmart for the provided period.
AvailableSources	Available Sources The number of Suppliers listing the part on ILSmart for the provided period.
EndUserCompanies	End User Companies Represents the number of users from End User Companies who requested the part on ILSmart for the provided period. End User Companies are defined as companies that purchase parts for their own consumption, such as Operators, FBO's, Military, etc.
EndUserInquiries	End User Inquiries Represents the number of times the part was searched on ILSmart for the provided period by End User Companies. End User Companies are defined as companies that purchase parts for their own consumption, such as Operators, FBO's, Military, etc.
NonEndUserCompanies	Non End User Companies Represents the number of users from Non End User Companies who requested the part on ILSmart for the provided period. End User Companies are defined as companies that purchase parts for their own consumption, such as Operators, FBO's, Military, etc.
NonEndUserInquiries	Non End User Inquiries Represents the number of times the part was searched on ILSmart for the provided period by Non End User Companies. End User Companies are defined as companies that purchase parts for their own consumption, such as Operators, FBO's, Military, etc.

Field/Node	Description
QuantityAsRemoved	Quantity As Removed The quantity of the part listed on ILSmart in As Removed condition for the provided period.
QuantityNewEquipment	Quantity New Equipment The quantity of the part listed on ILSmart in New condition for the provided period.
QuantityNewSurplus	Quantity New Surplus The quantity of the part listed on ILSmart in New Surplus condition for the provided period.
QuantityOverhaul	Quantity Overhaul The quantity of the part listed on ILSmart in Overhaul condition for the provided period.
QuantityServiceable	Quantity Serviceable The quantity of the part listed on ILSmart in Serviceable condition for the provided period.

2. GetPartOverhaulStats

The **GetPartOverhaulStats** web service executes the Parts Statistics and Pricing Trends search and returns MRO Capabilities supply and demand information for a single part number.

This web service is currently not available for Marine customers.

a. *GetPartOverhaulStats Request*

The fields must be sent in the following order:

Field/Node	Required	Description
GetPartOverhaulStats		The **GetPartOverhaulStats** request is comprised of the following fields, which are described below: • ExactMatch • PartNumber • Password • UserId
ExactMatch	Yes	Exact Match The ExactMatch variable allows you to specify whether to execute the search on stripped part number (all special characters removed) or the part number exactly as entered. Valid values are **true** or **false**.
PartNumber	Yes	Part Number

Field/Node	Required	Description
Password	Yes	Your ILSmart Password
UserId	Yes	Your ILSmart ID

b. *GetPartOverhaulStats Response*

Field/Node	Description
GetPartOverhaulStatsResponse	The **GetPartOverhaulStats** response is comprised of the following nodes, which are described below: • Fault • OverhaulStats
Fault	See **Appendix A** for information regarding Fault Handling.
OverhaulStats	This node will be repeated 12 times, once for each Activity Month. Parts Stats data is provided for a rolling 12-month period. It is comprised of the following fields, which are described below: • Part Number • ActivityMonth • ActivityYear • AvailableSources • EndUserCompanies • EndUserInquiries • NonEndUserCompanies • NonEndUserInquiries
PartNumber	Part Number
ActivityMonth	Activity Month
ActivityYear	Activity Year
AvailableSources	Available Sources The number of Suppliers listing the part on ILSmart for the provided period.
EndUserCompanies	End User Companies Represents the number of users from End User Companies who requested the part on ILSmart for the provided period. End User Companies are defined as companies that purchase parts for their own consumption, such as Operators, FBO's, Military, etc.
EndUserInquiries	End User Inquiries Represents the number of times the part was searched on ILSmart for the provided period by End User Companies. End User Companies are defined as companies that purchase parts for their own consumption, such as Operators, FBO's, Military, etc.
NonEndUserCompanies	Non End User Companies Represents the number of users from Non End User Companies who requested the part on ILSmart for the provided period. End User Companies are defined as companies that purchase parts for their own consumption, such as Operators, FBO's, Military, etc.

Field/Node	Description
NonEndUserInquiries	Non End User Inquiries Represents the number of times the part was searched on ILSmart for the provided period by Non End User Companies. End User Companies are defined as companies that purchase parts for their own consumption, such as Operators, FBO's, Military, etc.

3. GetPartPublishedPricing

The **GetPartPublishedPricing** web service executes the Parts Statistics and Pricing Trends search and returns the manufacturers' published pricing information for a single part number.

This web service is currently not available for Marine customers.

a. *GetPartPublishedPricing Request*

The fields must be sent in the following order:

Field/Node	Required	Description
GetPartPublishedPricing		The **GetPartPublishedPricing** request is comprised of the following fields, which are described below: • ExactMatch • PartNumber • Password • UserId
ExactMatch	Yes	Exact Match The ExactMatch variable allows you to specify whether to execute the search on stripped part number (all special characters removed) or the part number exactly as entered. Valid values are **true** or **false**.
PartNumber	Yes	Part Number
Password	Yes	Your ILSmart Password
UserId	Yes	Your ILSmart ID

b. *GetPartPublishedPricing Response*

Field	Description
GetPartPublishedPricingResponse	The **GetPartPublishedPricing** response is comprised of the following nodes, which are described below: • Fault • PublishedPricing
Fault	See **Appendix A** for information regarding Fault Handling.

Field	Description
PublishedPricing	The **PublishedPricing** node returns Manufacturer's published pricing, if the data is available for the requested part. This node may be repeated multiple times. It is comprised of the following fields, which are described below: • Part Number • Description • ConditionCode • Quantity • QuoteDate • QuotePrice • UnitofMeasure
PartNumber	Part Number
Description	Description
ConditionCode	Condition Code
ModelUsage	Model
Price	Price
UnitofMeasure	Unit of Measure
UpdateDate	Update Date
VendorMFGName	Manufacturer's Name

4. GetPartQuoteHistory

The **GetPartQuoteHistory** web service executes the Parts Statistics and Pricing Trends search and returns the ILS quote history for a single part number.

This web service is currently not available for Marine customers.

a. *GetPartQuoteHistory Request*

The fields must be sent in the following order:

Field/Node	Required	Description
GetPartQuoteHistory		The **GetPartQuoteHistory** request is comprised of the following fields, which are described below: • ExactMatch • PartNumber • Password • UserId
ExactMatch	Yes	Exact Match The ExactMatch variable allows you to specify whether to execute the search on stripped part number (all special characters removed) or the part number exactly as entered. Valid values are **true** or **false**.

Field/Node	Required	Description
PartNumber	Yes	Part Number
Password	Yes	Your ILSmart Password
UserId	Yes	Your ILSmart ID

b. *GetPartQuoteHistory Response*

Field/Node	Description
GetPartQuoteHistoryResponse	The **GetPartQuoteHistory** response is comprised of the following fields, which are described below: • Fault • QuoteHistory
Fault	See **Appendix A** for information regarding Fault Handling.
QuoteHistory	The **QuoteHistory** node returns up to the last 10 quotes sent through ILSmart.com for the requested part. This node may be repeated up to 10 times. It is comprised of the following fields, which are described below: • Part Number • Description • ConditionCode • Quantity • QuoteDate • QuotePrice • UnitofMeasure
PartNumber	Part Number
Description	Description
ConditionCode	Condition Code
Quantity	Quantity
QuoteDate	Quote Date
QuotePrice	Quote Price
UnitofMeasure	Unit of Measure

5. GetPartsStatsAndPricing

The **GetPartsStatsAndPricing** web service executes the Parts Statistics and Pricing Trends search and returns all of the data returned by the individual Parts Stats Web Services in a single call.

This web service is currently not available for Marine customers.

a. *GetPartsStatsAndPricing Request*

The fields must be sent in the following order:

Field/Node	Required	Description
GetPartsStatsAndPricing		The **GetPartsStatsAndPricing** request is comprised of the following fields, which are described below: • ExactMatch • PartNumber • Password • UserId
ExactMatch	Yes	Exact Match The ExactMatch variable allows you to specify whether to execute the search on stripped part number (all special characters removed) or the part number exactly as entered. Valid values are **true** or **false**.
PartNumber	Yes	Part Number
Password	Yes	Your ILSmart Password
UserId	Yes	Your ILSmart ID

b. *GetPartsStatsAndPricing Response*

The response is comprised of the all of the fields from the previously described Parts Stats web services. Please see the above sections for additional information.

PARTS WATCH WEB SERVICES

1. CreatePartsWatchList

The **CreatePartsWatchList** web service allows Subscribers to submit a list of part numbers to ILSmart to monitor additions, deletions and quantity changes for the selected part(s).

Up to 5,000 part numbers may be added to your Parts Watch list. In addition, you must specify your Parts Watch Report Options on ILSmart.

This web service is currently not available for Marine customers.

a. CreatePartsWatchList WSDL

https://secure.ilsmart.com/webservices/marketplace/inventory/marketplace.inventory.part.wsdl

b. CreatePartsWatchList Request

Field/Node	Required	Description
UserId	Yes	Your ILSmart ID
Password	Yes	Your ILSmart Password
PartList	Yes	The **PartList** node describes the part numbers you wish to monitor via Parts Watch. It is comprised of the following fields, which are described below: • PartNumber
PartNumber	Yes	Part Number

c. CreatePartsWatchList Response

Field/Node	Description
PartList	The **PartList** node describes the parts, as added. It is comprised of the following fields, which are described below: • PartsWatchPart
PartsWatchPart	The **PartsWatchPart** node is comprised of the following fields, which are described below: • PartNumber • DateAdded • StrippedPartNumber
PartNumber	Part Number The part number, as provided in the **CreatePartsWatchList** request.
DateAdded	Date Added
StrippedPartNumber	Stripped Part Number All special characters are removed from the part number

2. GetPartsWatchReport

The **GetPartsWatchReport** web service allows Subscribers to receive the search results for the part numbers submitted via the **CreatePartsWatchList** web service. Due to the amount of data potentially returned, this service returns its response as a stream and should be handled as such in order to avoid encountering memory constraints on your systems.

This web service is currently not available for Marine customers.

a. GetPartsWatchReport WSDL
https://secure.ilsmart.com/webservices/_2010/_06/_01/streaming/report/partswatchreport.wsdl

b. GetPartsWatchReport Request

Field/Node	Required	Description
UserId	Yes	Your ILSmart ID
Password	Yes	Your ILSmart Password
Period	Yes	Report Period (Days) Valid values are **1** or **30**.

c. GetPartsWatchReport Response

Field/Node	Description
Parts	The **PartList** node describes the part numbers you wish to monitor via Parts Watch. It is comprised of the following properties which are described below: • PartNumber
sid	Supplier's Company ID
sn	Supplier's Company Name
av	Accredited Vendor Level indicator The Accredited Vendor Level (AVP) indicator denotes Suppliers who participate in the ILS Accredited Vendor Program. AVP Suppliers must meet certain requirements to qualify for the program.
gav	Government Accredited Vendor Level indicator
sc	Additional Info Additional information from the Supplier that is typically displayed below the Company's name on the Parts Availability search results.
sp	Supplier's Phone Number
sf	Supplier's Fax Number
pn	Part Number
apn	Alternate Part Number
d	Description
q	Quantity

Field/Node	Description
c	Condition Code
ut	Update Type Valid values are: • **A** = Added Inventory • **D** = Deleted Inventory • **Q** = Quantity Changes
ud	Update Date/Time

Appendix A - Fault Handling

RESPONSE FAULTS

Each service has two properties on its response type:

- A node containing the expected return value for that service, and
- A faults node.

The faults node will be empty if no errors occur during the processing of a request. If any errors occur, there will be at least one (1) fault in the faults node. There may also be results in the expected return value, depending on the nature and severity of the fault(s).

FAULT PROPERTIES

Every fault has the following properties. Fields marked with an asterisk (*) will always contain a value.

Fault	Description
Name*	A predictable, machine-readable value indicating the nature or "type" of the fault.
Severity*	A predictable, machine-readable value indicating the severity of the fault. Currently, Severity will contain either **Fatal** or **Warning**. A **Fatal** fault is one that completely prevents the processing of the request. A **Warning** fault is one that allows partial processing of the request to continue.
Message*	A human-readable value explaining the nature of a specific fault occurrence.
SubType	A predictable, machine-readable value that, when populated, provides further information regarding the nature of the fault.
AdditionalInfo	An optional collection of key-value pairs that, when populated, provides additional details about the specific fault occurrence.

FAULT TYPES

The following fault types exist. Further fault types may be added as new services are added or business/technical requirements dictate.

Fault Name	Severity	Description
TechnicalDifficulties	Usually **Fatal**	A catch-all fault type to represent unexpected error conditions.
AuthenticationFailure	**Fatal**	The user identity credentials passed to the service were not recognized.
AuthorizationFailure	Usually **Fatal**	The user does not have permission to call the service.
InvalidFieldValue	**Fatal**	A value in the request was not valid. There are multiple subtypes of InvalidFieldValue faults. Please see **Section IV of Fault Handling** for additional information.
EntityNotFound	**Fatal**	The user requested a business entity that does not exist. For example, a **GetRfq** request must specify the RFQ ID of a specific RFQ to retrieve. If there is no RFQ with that RFQ ID, an EntityNotFound fault will be returned.

Fault Name	Severity	Description
EntityAccessDenied	**Fatal**	The user requested access to a business entity they do not have access to. For example, an EntityAccessDenied fault will be returned if a user calls the **GetRfq** service and specifies the RFQ ID of an RFQ on which they are neither the Buyer nor the Supplier.
GovernmentFileAccessDenied	*Warning*	The user requested access to a government data file they do not have access to. The specific file(s) will be identified in the fault's AdditionalInfo field. Please note, if access is denied to all files requested, the response will return no results, as if it were Fatal.

INVALIDFIELDVALUE FAULTS

Each request to a service goes through a validation process to ensure that all of the values required in order to process the request are present and contain recognizable data of the appropriate types. An InvalidFieldValue fault will be returned for each field that contains an invalid value. Each fault will identify the field it references and provide details on why that field is invalid. Every InvalidFieldValue fault will include a SubType value that indicates the type of validation error.

InvalidFieldValue faults are always Fatal.

For example, an UnrecognizedValue fault (one of the SubTypes) might look like the following:
   Name: "InvalidFieldValue"
   SubType: "UnrecognizedValue"
   Severity: "Fatal"
   Message: "AviationPartInput.CondiitonCode must contain one of the following values: NE, NS, OH, AR, SV. Value provided: 'XYZ'"
   AdditionalInfo: [empty]

The following SubTypes currently exist. Additional SubTypes may be added as business and technical requirements dictate.

SubType	Description
Null	No value was provided in a field where a value was expected.
LengthGreaterThan	A string value provided was longer than the maximum allowed length. The message will include the maximum length allowed for that field.
LengthLessThan	A string value provided was shorter than the minimum allowed length. The message will include the minimum length allowed for that field.
LengthNotEqualTo	A string value of an exact length was expected, but the value provided was of some other length. The message will include the expected length for that field.
InvalidCharacter	A string value contained one (1) or more characters not allowed in that field. The message will identify the disallowed character(s).
PatternMismatch	A string conforming to a specific pattern was expected, but the field contained a value outside that set. The message will include a regular expression (in .NET dialect) identifying the expected pattern.
UnrecognizedValue	One of a set of values was expected, but the field contained a value outside that set. The message will include the list of expected values.
NotNumeric	A numeric value was expected, but the field contained a non-numeric value.

SubType	Description
GreaterThan	A numeric value provided was greater than the maximum allowed value. The message will include the maximum allowed value.
LessThan	A numeric value provided was less than the minimum allowed value. The message will include the minimum allowed value.
InvalidDateTime	A date or date-time field contained a value outside the expected limits. For example, an InvalidDateTime validation fault will be returned if **GetRfqsByDate** is called with a future date.
CollectionLongerThan	A collection of values contained more values than the maximum allowed length. The message will include the maximum length allowed for that collection.
CollectionShorterThan	A collection of values contained fewer values than the minimum allowed length. The message will include the minimum length allowed for that collection.
BusinessRule	One or more ILS business rules were violated by the identified field. A BusinessRule validation fault will always identify each individual problem with the field in its AdditionalInfo collection.

CANONICAL VALUES

The following sets of values, as enumerated above, are considered canonical, meaning the enumerated values will not be changed or removed without extended prior notice. Please note, however, that values might be added to any of these sets at any time, with notification.

- Fault Properties
- Fault Names
- Fault Severities
- Fault SubTypes

Appendix B – Validation Rules

Field	Description
AccreditedVendorLevel	Accredited Vendor Level The Accredited Vendor Level (AVP) indicator denotes Suppliers who participate in the ILS Accredited Vendor Program. AVP Suppliers must meet certain requirements to qualify for the program. Valid field values are: • **Null** • **AVP =** Platinum. Platinum users must update their ILS inventory listings no less than daily. • **AVG** = Gold. Gold users must update their ILS inventory listings no less than weekly. • **AVS =** Silver. Silver users must update their ILS inventory no less than monthly.
AltPartNumber	Alternate Part Number Up to 20 alpha-numeric characters; Must contain at least 1 alpha-numeric character
Cage	Commercial and Government Entity (CAGE) Code 5 alpha-numeric characters
CategoryCode	Category Up to 5 characters
CompanyID	Company ID 4 alpha-numeric characters
ConditionCode	Condition Code Valid field values are: • **NE** = NEW. New equipment or product purchased from the manufacturer or distributor. Traceability or certification information available if applicable. Tag or paperwork available. Packages are unopened. • **NS** = NEW SURPLUS. New surplus items have passed through multiple owners since their manufacture. They may or may not have traceability or certification but will have tag indicating zero time or cycles. Non-zero time or cycled items are listed in AR or SV conditions depending on results of bench check inspection. • **OH** = OVERHAULED. Overhauled items with zero time or cycle certified by an FAA, IAA, MOT, etc. repair station. • **SV** = SERVICEABLE. Serviceable items are those removed from an aircraft with time or cycles remaining or those removed and bench-checked by authorized repair station or inspector. Items listed in this condition have tag if applicable. • **AR** = AS REMOVED. As removed from aircraft. This condition applies to timed/cycled out items that may or may not have indicating tag.
ControlCode	Control Code Up to 9 alpha-numeric characters

Field	Description
CountryCallingCode	Country Calling Code Valid field values are available at: http://en.wikipedia.org/wiki/List_of_country_calling_codes
Description	Part Description Up to 20 alpha-numeric characters; the field will default to NO DESC PROVIDED if this field is left blank when submitting a file.
ExchangeCode	Exchange Code Valid field values are: • **EX** = EXCHANGE AVAILABLE • **EO** = EXCHANGE ONLY
GovFilesToSearch	Government Files to Search You **must** specify at least one Government file to search in the **GetGovernmentData** request. The following abbreviations **must** be used: • **MCRL** = Master Cross Reference List • **MLC** = Management List – Consolidated • **TECH** = Technical Characteristics • **MOE** = Major Organizational Entity Rule • **PH** = Procurement History • **AMDF** = Army Master Data File • **ISDOD** = Department of Defense Interchangeability & Substitutability • **MRIL** = Navy Master Repairable Item List • **NHA** = Navy Next Higher Assembly • **ISUSAF** = Air Force Interchangeability & Substitutability • **CRF** = Navy Cross Reference File
IsPreferredVendor	Preferred Vendor Indicator This field indicates if the Supplier appears on your Preferred Vendor list. Valid field values are **true** or **false**.

Field	Description

ListCode	List Code
	
	All ILS List Codes are not available to all Customers. Please contact us for additional information.
	
	Valid field values are:
	• **Y** = Displays the item to all ILS Customers
	• **G** = Displays the item at the top of a Government buyer's response in a specially highlighted section when they search. Displays to non-Government buyers in the standard response format. You must qualify to use this List Code. Contact ILS Customer Support for more information.
	• **S** = Displays the item to designated ILS IDs and/or business types. Your items are shown to the designated buyers when they search. You may add ILS IDs and/or business types by adding them to your Select List. Select **ILS Select** under the *My ILS Inventory Management* menu tab to indicate the IDs and/or business types. The *S* option is unavailable to General Aviation users.
	• **M** = Displays the item in a special highlighted section of Government buyer's responses. Quantity can be zero on these items if you qualify as a manufacturer, representative of the manufacturer or hold a PMA for the item. Your company's business designation qualifies your company and determines what appears in the Quantity field of the response. If the designation is:
	    ○ Original MFG: the quantity displays as **MFG**
	    ○ PMA: the quantity displays as **PMA**
	    ○ Stocking Distributor: the quantity displays as **M-REP**
	    ○ Non-Stocking MFG. Agent: the quantity displays as **M-REP**
	• **N** = Displays the item to your company only.
	• **Q** = Government qualified supplier of the item
	• **R** = Government qualified manufacturer of the item

PartNumber	Part Number Up to 20 characters; Must contain at least 1 alpha-numeric character
Password	Password Always a required field. ILSmart passwords are case-sensitive.
Price	Price Up to 9 characters

Field	Description
Traceability	Traceability Code The valid values are: • **0078** = TCCA Form 24-0078 • **121** = CFR Part 121 • **129** = CFR Part 129 • **135** = CFR Part 135 • **145** = CFR Part 145 • **8130** = FAA Form 8130 • **C917** = CASA Form 917 • **COFC** = Certificate of Conformity • **EASA** = EASA • **OEM** = OEM • **OTH** = Other • **TCFO** = TCCA Form One
UserID	User ID Always a required field. Up to 10 alpha-numeric characters.

Appendix C – Government Data Codes

The codes used in the Government Data Web Services are provided by and defined by the U.S. Department of Defense.

The following fields are described in detail in DOD 4100.39-M, *Federal Logistics Information System (FLIS) Procedures Manual, Volume 10*. This document is available for download at the Department of Defense Issuances website at (http://www.dtic.mil/whs/directives/corres/html/410039m.html).

Field	Reference
Item Identification Codes (TIIC)	TABLE 2, TYPES OF ITEM IDENTIFICATION CODES
Reference/Partial Descriptive Method Reason Codes	TABLE 3, REFERENCE OR PARTIAL DESCRIPTIVE METHOD REASON CODES
Document Availability Codes	TABLE 5, DOCUMENT AVAILABILITY CODES (DAC)
Reference Number Category Codes	TABLE 6, REFERENCE NUMBER CATEGORY CODES
Reference Number Variation Codes	TABLE 7, REFERENCE NUMBER VARIATION CODES (RNVC)
NIIN Status Codes	TABLE 18, NIIN STATUS CODES
Demilitarization Codes	TABLE 38, DEMILITARIZATION CODES
Using Service Codes (USC)	TABLE 39, USING SERVICE CODES
Shelf Life Codes (SLC)	TABLE 50, SHELF-LIFE CODES
Service Agency Codes (SA) Major Organizational Entity Codes (MOE)	TABLE 51, MAJOR ORGANIZATIONAL ENTITY CODES
Phrase Codes (PC)	TABLE 52, PHRASE CODES
Unit of Issue Codes	TABLE 53, UNIT OF ISSUE CODES
Quantity Unit Pack (QP or QUP)	TABLE 56, QUANTITY UNIT PACK CODES
Recoverability/Reparability Codes (RC)	TABLE 57, MARINE CORPS RECOVERABILITY CODES
Acquisition Advice Codes (AAC)	TABLE 58, ACQUISITION ADVICE CODES
Special Material Identification Codes (SMIC)	TABLE 60, SPECIAL MATERIAL IDENTIFICATION CODES
Controlled Inventory Item Codes (CIIC)	TABLE 61, CONTROLLED INVENTORY ITEM CODES
Dual Cognizant Codes (COG)	TABLE 62, NAVY COGNIZANCE CODES
Material Control Codes (MCC)	TABLE 63, NAVY MATERIAL CONTROL CODES
Accounting Requirements Codes (ARC)	TABLE 64, ARMY ACCOUNTING REQUIREMENTS CODES
Army Material Category Codes (AMCC)	TABLE 65, ARMY MATERIEL CATEGORY CODES
Material Management Aggregation Codes (MMAC)	TABLE 66, AIR FORCE MATERIEL MANAGEMENT AGGREGATION CODES (MMAC)
Acquisition Method Code (AMC) Acquisition Method Suffix Codes (AMSC)	TABLE 71, ACQUISITION METHOD/ACQUISITION METHOD SUFFIX CODES
Essentiality Codes	TABLE 72, MARINE CORPS COMBAT ESSENTIALITY CODES
Item Management Codes (IMC)	TABLE 77, ITEM MANAGEMENT CODES
Item Standardization Codes	TABLE 91, ITEM STANDARDIZATION CODES
Source of Supply Codes	TABLE 103, SOURCE OF SUPPLY CODES
Originator of Standardization Decision Codes Activity Codes	TABLE 104, ACTIVITY CODES AND ADDRESSES FOR AUTHORIZED ORIGINATORS, SUBMITTERS, MOE CODES, AND RNAACs
Depot Source of Repair Codes (DSOR)	TABLE 117, DEPOT SOURCE OF REPAIR (DSOR) CODE TO MAINTENANCE ACTIVITY CROSS REFERENCE

Field	Reference
Estimated Price Indicator Codes (EPI)	TABLE 144, ESTIMATED OR ACTUAL PRICE CODES
Automated Data Processing Equipment Identification Codes (ADPE)	TABLE 159, ADPE IDENTIFICATION CODES
Precious Metal Indicator Codes	TABLE 160, PRECIOUS METALS INDICATOR CODES (PMICs)
Hazardous Material Indicator Codes	TABLE 179, HAZARDOUS MATERIAL INDICATOR CODES
Criticality Codes	TABLE 181, CRITICALITY CODE
Electrostatic Discharge Codes	TABLE 189, ELECTROSTATIC DISCHARGE CODE (ESDC)
Item Management Coding Activity Codes (IMCA)	TABLE 195, MOE CODE TO VALID ITEM MANAGEMENT CODING ACTIVITY (IMCA)
Maintenance Repair Codes (MRC)	TABLE 224, MAINTENANCE REPAIR CODES
Management Control Data Codes (MCD)	This field must be parsed into multiple codes, represented by multiple tables. See Chapter 5 of DOD 4100.39-M, *Federal Logistics Information System (FLIS) Procedures Manual, Volume 9* for more information. See the Management Control Data Codes section below.

The following fields are described in detail in Department of the Army Pamphlet 708-2, *Cataloging and Supply Management Data Procedures for the Army Central Logistics Data Bank*. This document is available for download at the Army Publishing Directorate website at (http://www.apd.army.mil/pdffiles/p708_2.pdf).

Field	Reference
Air Eligibility Category Codes	TABLE 3–6: AIR ELIGIBILITY CATEGORY CODES
Automatic Return Item Codes	TABLE 3–8: AUTOMATIC RETURN ITEM CODES
Fund Codes	TABLE 3–15: FUND CODES
Inventory Category Codes	TABLE 3–19: INVENTORY CATEGORY CODES
Logistics Control Codes	TABLE 3–22: LOGISTICS CONTROL CODES
Reportable Item Control Codes	TABLE 3–35: REPORTABLE ITEM CONTROL CODES
Special Control Item Codes	TABLE 3–38: SPECIAL CONTROL ITEM CODES
Special Requirements Codes	TABLE 3–40: SPECIAL REQUIREMENTS CODES

Management Control Data Codes (MCD)

The following fields are described in detail in DOD 4100.39-M, *Federal Logistics Information System (FLIS) Procedures Manual, Volume 10*. This document is available for download at the Department of Defense Issuances website at (http://www.dtic.mil/whs/directives/corres/html/410039m.html).

ARMY	
Pos. 1-5	TABLE 65, ARMY MATERIEL CATEGORY CODES
Pos. 6	TABLE 64, ARMY ACCOUNTING REQUIREMENTS CODES
Pos. 7	I & S
AIR FORCE	
Pos. 1-2	TABLE 68, AIR FORCE FUND CODES
Pos. 3	TABLE 67, AIR FORCE BUDGET CODES
Pos. 4-5	TABLE 66, AIR FORCE MATERIEL MANAGEMENT AGGREGATION CODES (MMAC)
Pos 6	Always blank
Pos. 7	TABLE 177, PRICE VALIDATION CODES
MARINE CORPS	
Pos. 1	TABLE 55, MARINE CORPS STORES ACCOUNT CODES
Pos. 2	TABLE 72, MARINE CORPS COMBAT ESSENTIALITY CODES
Pos 3-4	TABLE 54, MARINE CORPS MANAGEMENT ECHELON CODES
Pos. 5	TABLE 73, MARINE CORPS MATERIEL IDENTIFICATION CODES
Pos. 6	TABLE 123, MARINE CORPS OPERATIONAL TEST CODES
Pos. 7	TABLE 124, MARINE CORPS PHYSICAL CATEGORY CODES
NAVY	
Pos. 1-2	TABLE 62, NAVY COGNIZANCE CODES
Pos. 3-4	TABLE 60, SPECIAL MATERIAL IDENTIFICATION CODES
Pos. 5-6	TABLE 95, NAVY ISSUE, REPAIR, AND/OR REQUISITION RESTRICTION CODES
Pos. 7	TABLE 102, SPECIAL MATERIAL CONTENT CODES
COAST GUARD	
Pos. 1	TABLE 127, COAST GUARD INVENTORY ACCOUNT CODES
Pos. 2	Always blank
Pos. 3	TABLE 150, COAST GUARD SERIAL NUMBER CONTROL CODE
Pos. 4	TABLE 102, SPECIAL MATERIAL CONTENT CODES
Pos. 5-7	Not used

Appendix D – Frequently Asked Questions

1. **Is sample code for calling the web services available?**

   Yes, sample code is available upon request.

2. **I am receiving an error message when I attempt to call one of your web services. What do I do?**

   Please contact ILS Customer Support. Provide us with as much detail as possible, including:

   - What date/time did you receive the error?
   - Which web service was called?
   - What error message was received?