



Location Intelligence
Infrastructure Asset Management

Confirm[®]

Mobile Connector Schema
v21.10a.AM

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March 16, 2021

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Specifications

The following sections outline all the Specifications that exist within the Confirm functionality.

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Mobile Connector XML Schema

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Mobile Connector XML Schema

Introduction

Purpose

This document describes the XML schema for the Confirm Mobile/Device Connector interface.

Note that Contract Area security will be applied to both the Officer for whom the request is made and the User used to log into the Confirm database (the Username of the Authentication element of the request – see AKS-50-129). In other words only data that is available to both the Officer and User will be returned.

When reading the Generic Connector Interfacing Specification document, be aware that we are providing the Confirm Mobile Connector functionality through the Process Device method of our Confirm Connector Web Service.

Reference Documents

Generic Connector Interfacing Specification (AKS-50-129.doc)

Methods

Connector Request

Request is as per AKS-50-129 paragraph 4.2, till Operation element. The Operation element is expanded below.

Confirm Mobile Connector Request XML Schema

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- Operation/TransferOfficerData/SiteData/NewFeature/NewEnquiry/EnquiryDocument
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- Operation/TransferOfficerData/SiteData/AdhocStreetWorksInspection/StreetWorksInspectionItem
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- Operation/TransferOfficerData/StreetWorksInspection
- Operation/TransferOfficerData/StreetWorksInspection/StreetWorksInspectionItem
- Operation/TransferOfficerData/StreetWorksInspection/FollowUpStreetWorksInsp
- Operation/TransferOfficerData/StreetWorksInspection/DocumentLink
- Operation/OfficerGPSLocation

AdhocStreetWorksInspection

Confirm module requirement – Street Works (3820)

Element	Type	No. of	Max Size	Notes
NoticeFromOrg	String	0-1	8	
ActivityDescription	String	0-1	2000	Default of "Unidentified Works" will be used if no value is supplied
LocationText	String	1	500	

Element	Type	No. of	Max Size	Notes
SiteLength	Decimal	0-1	8(6.2)	
SiteWidth	Decimal	0-1	6(4.2)	
SiteLocationX	Decimal	0-1	15(12.3)	
SiteLocationY	Decimal	0-1	15(12.3)	
SurfaceTypeCode	String	0-1	4	If not supplied, the default 'Position' value from the Notice Default System Settings will be used
SiteNumber	Decimal	1	4(4.0)	
InspTime	DateTime	1	-	
InspCategoryCode	String	1	4	
InspNotes	String	0-1	2000	
InspOutcomeCode	String	1	4	
OfficerCode	String	0-1	4	If this is not supplied, the Transfer-OfficerData officer is used
SiteInformedFlag	String	0-1	1	Default is "Y" will be used if no value is supplied in the XML
Inadequacy	String	1	1	None – N Reinstatement – R Signing - Equipment – Y Signing - Not Actioned – Z Signing - Other – N
StreetWorksInspectionItem	StreetWorksInspectionItem	0-n	-	
FollowUpStreetWorksInsp	FollowUpStreetWorksInsp	0-1	-	
DocumentLink	DocumentLink	0-n	-	

DefectAttribute

Element	Type	No. of	Max Size	Notes
OperationAttr-TypeCode	String	1	4	
CodeValue	String	1	4	<choice>
StringValue	String		2000	
NumericValue	Decimal		12 (10.2)	
DateValue	DateTime		-	

DocumentLink

Element	Type	No. of	Max Size	Notes
DocumentNotes	String	0-1	2000	
DocumentLocation	String	1	2000	

EnquiryAttribute

Element	Type	No. of	Max Size	Notes
EnqAttrib-TypeCode	String	1	4	
EnqAttribValue-Code	String	1	4	<choice>
EnqAttribString-Value	String		4	
EnqAttribNum-Value	Decimal		4	
EnqAttribDate-Value	DateTime		4	

EnquiryCustomer

Element	Type	No. of	Max Size	Notes
CustomerTitle	String	0-1	8	
CustomerFore-name	String	0-1	40	
CustomerSur-name	String	1	50	
CustomerPhone	String	0-1	20	
CustomerAlt-Phone	String	0-1	35	
CustomerEmail	String	0-1	100	
CustomerSecondaryAddress	String	0-1	60	
CustomerPrimary-Address	String	0-1	60	
CustomerStreet-Desc	String	0-1	100	
CustomerLocality-Name	String	0-1	35	
CustomerTown-Name	String	0-1	35	
CustomerTitleCustomerCounty-Name	String	0-1	35	

Element	Type	No. of	Max Size	Notes
CustomerPost-Code	String	0-1	8	
Customer-TypeCode	String	0-1	4	Defaults to the system setting if missing. If the System Setting is not set then a Fatal Error will be generated
PointOfContact-Code	String	0-1	4	Defaults to the system setting if missing. If the System Setting is not set then a Fatal Error will be generated.

EnquiryDocument

See [DocumentLink](#).

EnquiryUpdate

Confirm module requirement – Customer Service (1320)

Element	Type	No. of	Max Size	Notes
EnquiryNumber	Decimal	1	8 (8.0)	
EnquiryS-tatusCode	String	0-1	4	
LoggedTime	DateTime	0-1	-	This is the log effective date
LoggedOfficer-Code	String	0-1	4	If this is not supplied, the Transfer-OfficerData officer is used
AssignedOfficer-Code	String	0-1	4	This is the allocated officer code. If this is not supplied, then the previous allocated officer is used
StatusLogNotes	String	2000	2000	
EnquiryX	Decimal	0-1	12 (10.2)	
EnquiryY	Decimal	0-1	12 (10.2)	
EnquiryAttribute	EnquiryAttribute	0-n	-	Updated attributes only
EnquiryCustomer	EnquiryCustomer	0-n	-	Details of Customers against this Enquiry. This Ele-

Element	Type	No. of	Max Size	Notes
EnquiryDocument	EnquiryDocument	0-n	-	ment will only be created if the Enquiry Customer was created on the device.

Failure

Element	Type	No. of	Max Size	Notes
FailureTypeCode	String	1		
FailureDate	DateTime	1		
FailureNotes	String	0-1		
PenaltyPoints	Decimal	0-1		
PenaltyCharge	Decimal	0-1		
ReinspectionDate	DateTime	0-1		

FeatureAttribute

Confirm module requirement – Asset Survey (0320)

Element	Type	No. of	Max Size	Notes
AttributeTypeCode	String	1	5	First character will indicate attribute type P – Pick list option value N – Numeric value D – Date value T – Text value
AttributePickValue	String	0-1	4	Type P only
AttributeTextValue	String	0-1	2000	Type P, D or T only
AttributeNum-Value	Decimal	0-1	12 (10.2)	Type N only
AttributeDate-Value	DateTime	0-1	-	Type D only

Only existing feature attributes can be updated for feature updates. For new features, only the default attributes that are automatically created can be updated.

FeatureCondition

Confirm module requirement – Asset Survey (0320) or Condition Survey (0620)

Element	Type	No. of	Max Size	Notes
Condition- TypeCode	String	1	6	Must be unique.
ConditionGrade- Code	String	1	4	
ConditionValue	Decimal	0-1	14 (10.4)	
ConditionNotes	String	0-1	2000	

FeatureData

Element	Type	No. of	Max Size	Notes
CentralAssetId	String	1	20	
FeatureId	String	0-1	15	Depending on system setting, Feature Id may have to be unique. This field is an update field only Confirm module requirement – Asset Survey (0320)
FeatureLocation	String	0-1	2000	Confirm module requirement – Asset Survey (0320)
FeatureNotes	String	0-1	2000	Confirm module requirement – Asset Survey (0320)
CentroidEasting	Decimal	0-1	10 (8.2)	Confirm module requirement – Asset Survey (0320)
CentroidNorthing	Decimal	0-1	10 (8.2)	Confirm module requirement – Asset Survey (0320)
FeatureType	String	0-1	4	The new feature type must belong the features current feature group Confirm module requirement – Asset Survey (0320)
SiteClassification	String	0-1	4	Confirm module requirement – Asset Survey (0320)
SurveyedLength	Decimal	0-1	10 (8.2)	The features surveyed length. Note that this does NOT alter the features real length Confirm module requirement – Asset Survey (0320)

Element	Type	No. of	Max Size	Notes
FeatureQuantity	Decimal	0-1	10 (8.2)	The primary measurement. E.g. the features real length Confirm module requirement – Asset Survey (0320)
SurveyDate	DateTime	0-1	-	If not supplied, the current date time will be used.
SurveyOfficer	String	0-1	4	If not supplied, the current action officer will be used.
DeadFlagFeature	(empty)	0-1	-	Dead flags the feature. Confirm module requirement – Asset Survey (0320)
FeatureCondition	FeatureCondition	0-n	-	
FeatureInspection	FeatureInspection	0-n	-	
FeatureAttribute	FeatureAttribute	0-n	-	
FeatureDefect	FeatureDefect	0-n	-	
NewEnquiry	NewEnquiry	0-n	-	Feature level enquiry
DocumentLink	DocumentLink	0-n	-	

FeatureDefect

Confirm module requirement – Condition Survey (0620)

Element	Type	No. of	Max Size	Notes
DefectTypeCode	String	1	4	
DefectDate	DateTime	1	-	
LoggedOfficer-Code	String	1	4	
DefectDescription	String	0-1	2000	
DefectLocation	String	0-1	2000	
DefectNotes	String	0-1	2000	
AllocatedOfficer-Code	String	0-1	4	Internal defects only
OrganisationCode	String	0-1	8	External defects only
PriorityCode	String	0-1	4	
ContractCode	String	0-1	6	
CostCode	String	0-1	15	

Element	Type	No. of	Max Size	Notes
DefectX	Decimal	0-1	10 (10.2)	
DefectY	Decimal	0-1	10 (10.2)	
EnquiryNumber	Decimal	0-1	10 (10.2)	The enquiry number to associate this defect with. Only one defect can be associated with an enquiry
CustomerReference	String	0-1	20	
DefectValue	String	0-1	14 (10.4)	
StartChainage	Decimal	0-1	10 (10.2)	
EndChainage	Decimal	0-1	10 (10.2)	
XSPCode	String	0-1	6	
Assessment-TypeCode	String	0-1	6	
FeatureDefectItem	FeatureDefectItem	0-n	-	
DefectAttribute	DefectAttribute	0-n	-	
DocumentLink	DocumentLink	0-n	-	

All defects will be added to a new inspection batch / feature, either one created by FeatureInspection or one created for FeatureDefect.

The inspection batch / feature will be created using the defects LoggedOfficerCode which will also be used to obtain the officers workgroup adhoc route code.

FeatureDefectItem

Element	Type	No. of	Max Size	Notes
ItemNumber	Decimal	1	4 (4.0)	
SORItemCode	String	1	8	
ItemQuantity	Decimal	1	12 (10.2)	
ItemLength	Decimal	0-1	10 (8.2)	
ItemWidth	Decimal	0-1	10 (8.2)	
ItemDepth	Decimal	0-1	10 (8.2)	
ItemNotes	String	0-1	2000	

FeatureInspection

Element	Type	No. of	Max Size	Notes
InspectionRoute-Code	String	1	4 (4.0)	
InspectionOfficer-Code	String	1	4 (4.0)	

Element	Type	No. of	Max Size	Notes
InspectionDate	DateTime	1	4 (4.0)	

This corresponds to a completed Feature inspection.

FeatureInspectionRoute

Confirm module requirement – Asset Survey (0320) or Condition Survey (0620)

Element	Type	No. of	Max Size	Notes
InspectionRoute-Code	String	1	4 (4.0)	Must be unique.

This is expected to correspond a Live Inspection Route and to belong to same Work Group as Action Officer.

This allows newly created feature to be assigned to Inspection Route(s).

FollowUpStreetWorksInsp

Element	Type	No. of	Max Size	Notes
InspCategoryCode	String	1	4	
ProgInspNotes	String	0-1	2000	
InspFromDate	DateTime	1	-	
InspToDate	DateTime	1	-	
DeleteFlag	String	0-1	1	Corresponds to fbi_scheduled_inspection.inspection_expiry_flag. Default value "N" will be used if no value is supplied in the XML
OfficerCode	String	0-1	4	If blank Street-WorksInspection\OfficerCode will be used

GetTasks

Element	Type	No. of	Max Size	Notes
TaskRoutes	Boolean	0-1	-	true - create Routes for Task Types false - do not create Routes for Task Types Task Routes will not be created if the GetTasks element is empty.

Element	Type	No. of	Max Size	Notes
InspCategoryRoutes	String	0-1	15	“All” - All Programmed Inspections in one Route. “Time Critical” - Programmed Inspections divided into ones where the Category ‘Relative To’ is set to ‘Start Date’ or is blank and those where it is not. “By Category” - One Route per Inspection Category. InspCategoryRoutes will not be created if the TaskRoutes element is empty.

GetActivityHistory

Element	Type	No. of	Max Size	Notes
StreetWork	(empty)	0-1	-	‘StreetWork’ type tasks will be downloaded as activityhistory response.
Job	Job	0-1	-	‘Job’ type tasks will be downloaded as activity-history response.
Defect	(empty)	0-1	-	‘Defect’ type tasks will be downloaded as activity-history response.
Rectangle	Rectangle	1	-	

The Activity History tasks (StreetWork/Job/Defect) are downloaded based on the user’s filter criteria that can be specified by ‘Get Activity History’ UI on Confirm Mobile.

GetUrgentTasks

Element	Type	No. of	Max Size	Notes
OfficerCode	String	1	4	

Job

Element	Type	No. of	Max Size	Notes
JobStatusFlag	String	1	1	The job node contains a sub-node called 'JobStatus-Flag', which will have a value of 'C' (if committed jobs only are required) or 'U' (if only un-committed jobs are required). If both are required, the 'JobStatus-Flag' section will not be present, but the 'Job' node will still exist.

JobItem

Confirm module requirement – Jobs in the Field (0735)

Element	Type	No. of	Max Size	Notes
JobItemNumber	Decimal	1	4 (4.0)	
SORItemCode	String	1	8	
JobItemQuantity	Decimal	1	12 (10.2)	
JobItemLength	Decimal	1	10 (8.2)	
JobItemWidth	Decimal	1	10 (8.2)	
JobItemDepth	Decimal	1	10 (8.2)	
CostCode	String	1	15	
JobItemDescription	String	1	2000	

JobAttribute

Confirm module requirement – Jobs in the Field (0735)

Element	Type	No. of	Max Size	Notes
JobAttrib-TypeCode	String	1	4	
JobAttribString-Value	String	0-1	2000	Should be present if Parameter Type is Text
JobAttribValue-Code	String	0-1	4	Should be present if Parameter Type is Pick

Element	Type	No. of	Max Size	Notes
JobAttribNum-Value	Decimal	0-1	14 (12,2)	Should be present if Parameter Type is Number
JobAttribDate-Value	DateTime	0-1	-	Should be present if Parameter Type is Date

JobStatusUpdate

Element	Type	No. of	Max Size	Notes
JobStatusCode	String	1	4	
AllocatedOfficer-Code	String	0-1	4	
StatusLogNotes	String	0-1	2000	
EffectiveDate	DateTime	1	-	
LoggedOfficer-Code	String	0-1	4	

The JobUpdate element contains the latest Status Log details, JobStatusUpdate elements are for Status Log history and hence the dates should be earlier than the one in JobUpdate.

JobUpdate

Confirm module requirement – Condition Survey (0620) or Jobs in the Field (0735) or Performance Monitoring (1120) or Customer Service (1320)

Element	Type	No. of	Max Size	Notes
JobNumber	Decimal	1	8 (8.0)	
JobStatusCode	String	1	4	
AllocatedOfficer-Code	String	0-1	4	
StatusLogNotes	String	0-1	2000	
EffectiveDate	DateTime	1	-	
LoggedOfficer-Code	String	0-1	4	
PriceFactorCode	String	0-1	4	
CostCode	String	0-1	15	
JobEasting	Decimal	0-1	12 (10.2)	
JobNorthing	Decimal	0-1	12 (10.2)	
JobStatusFlag	String	0-1	1	
JobStatusUpdate	JobStatusUpdate	0-n	-	
JobItem	JobItem	0-n	-	
DocumentLink	DocumentLink	0-n	-	

Element	Type	No. of	Max Size	Notes
JobAttributeUpdate	JobAttribute	0-n	-	

MonitoringInspection

Module requirement – Performance Monitoring (1120)

Element	Type	No. of	Max Size	Notes
ContractCode	String	1	6	
Monitoring-BatchNo	Decimal	1	8 (8.0)	
MonitoringItemNo	Decimal	1	8 (8.0)	
MonitoredDate	DateTime	1	-	
Failure	Failure	0-n	-	

NewEnquiry

Module requirement – Customer Service (1320)

Element	Type	No. of	Max Size	Notes
EnquiryNumber	Decimal	1	8 (8.0)	A new enquiry number will be generated by Confirm when the enquiry is imported – this element is used for cross referencing with other Device elements (not shown here)
ServiceCode	String	1	4	
SubjectCode	String	1	4	
EnquiryDescription	String	0-1	2000	
EnquiryLocation	String	0-1	2000	
EnquiryStatusCode	String	0-1	4	If blank the status associated with the Enquiry Subject will be used
AssignedOfficerCode	String	0-1	4	This is the allocated officer code. If this is not supplied, then the default allocated officer is used
LoggedOfficerCode	String	0-1	4	If this is not supplied, the Transfer-

Element	Type	No. of	Max Size	Notes
StatusLogNotes	String	0-1	2000	OfficerData officer is used
LoggedTime	DateTime	1	-	This is the enquiry date
EnquiryX	Decimal	0-1	12 (10,2)	
EnquiryY	Decimal	0-1	12 (10,2)	
EnquiryAttribute	EnquiryAttribute	0-n	-	
EnquiryCustomer	EnquiryCustomer	0-n	-	
EnquiryDocument	EnquiryDocument	0-n	-	

NewFeature

Module requirement – Asset Survey (0320)

Element	Type	No. of	Max Size	Notes
FeatureType	String	1	4	
CentralAssetId	String	0-1	21	
PlotNumber	Decimal	0-1	10 (8.2)	
FeatureId	String	0-1	15	Depending on system setting, Feature Id may have to be unique
FeatureLocation	String	0-1	2000	
FeatureNotes	String	0-1	2000	
CentroidEasting	Decimal	0-1	10 (8.2)	
CentroidNorthing	Decimal	0-1	10 (8.2)	
SiteClassification	String	0-1	4	
SurveyedLength	Decimal	0-1	10 (8.2)	This is the real surveyed length of the feature which is used by defects
FeatureQuantity	Decimal	0-1	10 (8.2)	
SurveyDate	DateTime	0-1	-	If not supplied, the current date time will be used.
SurveyOfficer	String	0-1	4	If not supplied, the current action officer will be used.
FeatureCondition	FeatureCondition	0-n	-	
FeatureAttribute	FeatureAttribute	0-n	-	
FeatureDefect	FeatureDefect	0-n	-	
NewEnquiry	NewEnquiry	0-n	-	

Element	Type	No. of	Max Size	Notes
DocumentLink	DocumentLink	0-n	-	
FeatureInspection-Route	FeatureInspectionRoute	0-n	-	

OfficerGPSLocation

Element	Type	No. of	Max Size	Notes
OfficerCode	String	1	4	
PositionDate	DateTime	1	4	
Latitude	Decimal	1	4	
Longitude	Decimal	1	4	

Operation

Element	Type	No. of	Max Size	Notes
...				
GetActionOfficers	(empty)	0-1	-	
GetActivityHistory	GetActivityHistory	1	4	
TransferOfficer-Data	TransferOfficer-Data	1	4	
OfficerGPSLocation	OfficerGPSLocation	1	4	

Rectangle

Element	Type	No. of	Max Size	Notes
Top	Decimal	1	10 (8.2)	
Left	Decimal	1	10 (8.2)	
Bottom	Decimal	1	10 (8.2)	
Right	Decimal	1	10 (8.2)	

SiteData

Element	Type	No. of	Max Size	Notes
SiteCode	String	1	10	
NewFeature	NewFeature	0-n	-	
NewEnquiry	NewEnquiry	0-n	-	
FeatureData	FeatureData	0-n	-	

Element	Type	No. of	Max Size	Notes
AdhocStreet-WorksInspection	AdhocStreet-WorksInspection	0-n	-	

StreetWorksInspection

Module requirement – Street Works (3820)

Element	Type	No. of	Max Size	Notes
WorksRef	String	1	20	
OrganisationCode	String	1	8	
SiteNumber	Decimal	1	4 (4,0)	
InspTime	DateTime	1	-	
InspCategoryCode	String	1	4	
InspNotes	String	0-1	2000	
InspOutcomeCode	String	1	4	
OfficerCode	String	0-1	4	If blank TransferOfficerData \OfficerCode will be used
SiteInformedFlag	String	0-1	1	Default is "Y" will be used if no value is supplied in the XML
Inadequacy	String	1	1	None – X Reinstatement – R Signing - Equipment – Y Signing - Not Actioned – Z Signing - Other – N
StreetWorksInspectionItem	StreetWorksInspectionItem	0-n	-	
FollowUpStreet-WorksInsp	FollowUpStreet-WorksInsp	0-1	-	
DocumentLink	DocumentLink	0-n	-	

StreetWorksInspectionItem

Element	Type	No. of	Max Size	Notes
ItemTypeNo	Decimal	1	4 (4,0)	
InspItemFlag	String	1	1	A- Acceptable, U – Unacceptable, S – Not Seen
InspItemNotes	String	0-1	2000	

TransferOfficerData

Element	Type	No. of	Max Size	Notes
OfficerCode	String	1	4	Action Officer carrying out the transfer and for whom any request operations are intended
GetDefaultFeatures	(empty)	0-1	-	
GetCostCodeLookups	(empty)	0-1	-	
GetDefectLookups	(empty)	0-1	-	
GetConditionLookups	(empty)	0-1	-	
GetContracts	(empty)	0-1	-	
GetSORItems	(empty)	0-1	-	
GetMaintenanceLookups	(empty)	0-1	-	
GetEnquiryLookups	(empty)	0-1	-	
GetAttributeLookups	(empty)	0-1	-	
GetSiteLookups	(empty)	0-1	-	
GetOperationalAttributeLookups	(empty)	0-1	-	
GetTypeOfServiceLookups	(empty)	0-1	-	
GetEnquiryStatusLookups	(empty)	0-1	-	
GetStreetWorksLookups	(empty)	0-1	-	
GetCustomerLookups	(empty)	0-1	-	
GetTasks	GetTasks	0-1	-	
SiteData	SiteData	0-n	-	
EnquiryUpdate	EnquiryUpdate	0-n	-	
JobUpdate	JobUpdate	0-n	-	
MonitoringInspection	MonitoringInspection	0-n	-	
StreetWorksInspection	StreetWorksInspection	0-n	-	

Connector Response

Response is as per AKS-50-129 paragraph 4.3, till OperationResponse element. The OperationResponse element is expanded below.

Confirm Mobile Connector Request XML Schema

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- Response/OperationResponse/TransferOfficerDataResponse/GetDefaultFeaturesResponse
- Response/OperationResponse/TransferOfficerDataResponse/GetDefaultFeaturesResponse/Site
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- Response/OperationResponse/TransferOfficerDataResponse/GetCostCodeLookupsResponse
- Response/OperationResponse/TransferOfficerDataResponse/GetCostCodeLookupsResponse/CostCode
- Response/OperationResponse/TransferOfficerDataResponse/GetTypeOfServiceLookupsResponse
- Response/OperationResponse/TransferOfficerDataResponse/GetTypeOfServiceLookupsResponse/TypeOfService
- Response/OperationResponse/TransferOfficerDataResponse/GetTypeOfServiceLookupsResponse/TypeOfService/EnquirySubject
- Response/OperationResponse/TransferOfficerDataResponse/GetTypeOfServiceLookupsResponse/TypeOfService/EnquirySubject/SubjectAttribute
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- Response/OperationResponse/TransferOfficerDataResponse/GetTasksResponse/SiteTask/Task/TaskEnquiry
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- [Response/OperationResponse/TransferOfficerDataResponse/GetCustomerLook-upsResponse](#)
- [Response/OperationResponse/TransferOfficerDataResponse/GetCustomerLook-upsResponse/PointOfContact](#)
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- [Response/OperationResponse/GetEnquiryStatusLookupsResponse](#)
- [Response/OperationResponse/GetEnquiryStatusLookupsResponse/EnquiryStatus](#)

ActionOfficer

Element	Type	No. of	Max Size	Notes
OfficerCode	String	1	4	
OfficerName	String	1	30	
Password	String	1	20	Encrypted - For use by Confirm only. This may be blank if no password set
PriorityCode	String	1	4	
Inactive	(empty)	1	-	Presence depends on Device Data Key

Only Action Officers who have the 'Inactive' checkbox unticked in Confirm Client will be exported.

Action Officer records may include an Inactive element depending on their Device Data Key. The Inactive element is present for an Action Officer if the value of their Device Data Key is not marked as a view option in the Data Security Group of the user (the Username of the Authentication element of the request – see AKS-50-129).

Note: The Inactive element in ActionOfficer does not relate to the Inactive checkbox on the Action Officer window in Confirm Client.

Activity

Element	Type	No. of	Max Size	Notes
Identifier	String	1	40	
Location	String	1	2000	
Description	String	1	2000	
Status	String	1	30	
StartDate	DateTime	1	-	
EndDate	DateTime	1	-	
CoordinateType	String	1	1	
CoordinateX	Decimal	1	12 (10.2)	
CoordinateY	Decimal	1	12 (10.2)	
StreetWork	StreetWork	0-1	-	
Job	Job	0-1	-	
Defect	Defect	0-1	-	

The StreetWork, Job, and Defect fields are mutually exclusive.

AssessmentDefectType

Element	Type	No. of	Max Size	Notes
DefectTypeCode	String	1	4	

AssessmentGrade

Element	Type	No. of	Max Size	Notes
Observe-TypeCode	String	1	6	
ObsParmOptCode	String	1	4	
ObsParmOpt-Name	String	1	30	
ObsParmDefVal	Decimal	1	16 (12.4)	
ObsParmOptMin	Decimal	0-1	14 (10.4)	
ObsParmOptMax	Decimal	0-1	14 (10.4)	

AssessmentType

Element	Type	No. of	Max Size	Notes
Observe-TypeCode	String	1	6	
ObserveType-Name	String	1	30	
SortOrder	Decimal	1	4 (4,0)	
ObsParmNA	String	1	4	
ObsTypeFlag	String	1	1	
AssessmentDefect-Type	AssessmentDefectType	0-n	-	Need Condition Survey (Confirm Mobile module 0600)

Only Assessment Types not flagged as dead are exported.

Only Assessment Types flagged as Condition Assessments will be exported.

AttributeType

Element	Type	No. of	Max Size	Notes
AttributeTypeCode	String	1	5	At present the first character indicates the attribute type but this is subject to change in the future so always use Type-

Element	Type	No. of	Max Size	Notes
				Flag for this information. P – Pick list option value N – Numeric value D – Date value T – Text value
AttributeType-Name	String	1	30	
TypeFlag	String	1	1	
SortOrder	Decimal	1	4 (4,0)	Permitted values are: D, N, T & P for Date, Number, Text and Pick respectively
AttributeValueNA	String	0-1	4	Type P only
AttributeMaxWidth	Decimal	0-1	4 (4,0)	Type T only
AttributeCaseFlag	String	0-1	61	Type T only A - Any L - Lower U - Upper
UnitCode	String	0-1	30	Type P, N or T only
AttributeValue	AttributeValue	0-n	-	Type P only

AttributeValue

Element	Type	No. of	Max Size	Notes
AttributeValue-Code	String	1	4	
AttributeValue-Name	String	1	30	

Contract

Element	Type	No. of	Max Size	Notes
ContractCode	String	1	6	
ContractName	String	1	30	
Inactive	(empty)	0-1	-	Presence depends on Device Data Key
ContractPenalty	ContractPenalty	0-n	-	
ContractPriceFactor	ContractPrice-Factor	0-n	-	

Only Contracts not flagged as dead are exported.

Contract records may include an Inactive element depending on their Device Data Key.

ContractBOQ

Element	Type	No. of	Max Size	Notes
SORItemCode	String	1	8	

See [Contract](#) and [SORItem](#) for inherited export restrictions.

ContractPenalty

Element	Type	No. of	Max Size	Notes
FailureCode	String	1	4	
FixedPoints	Decimal	1	12 (10.2)	
FixedCharge	Decimal	1	4 (4,0)	

See [Contract](#) for inherited export restrictions.

ContractPriceFactor

Element	Type	No. of	Max Size	Notes
PriceFactorCode	String	1	4	
ContractBOQ	ContractBOQ	0-n	-	

See [Contract](#) for inherited export restrictions.

CostCode

Element	Type	No. of	Max Size	Notes
CostCodeCode	String	1	15	
CostCodeName	String	1	30	

Only Cost Codes not flagged as dead are exported.

Only Cost Codes flagged as send to Confirm Mobile are exported.

Optional Contract Area security is added depending on System Setting.

Budget restriction is applied depending on System Setting.

Cost Codes may be restricted according to their Device Data Key.

CustomerType

Element	Type	No. of	Max Size	Notes
Customer-TypeCode	String	1	4	
CustomerType-Name	String	1	30	

Defect

Element	Type	No. of	Max Size	Notes
DefectType	String	1	4	
Enquiry	Decimal	1	8(8.0)	
PriorityCode	String	1	4	
ChainageFrom	Decimal	1	10(8.2)	
ChainageTo	Decimal	1	10(8.2)	
XSPCode	String	1	6	
XSPName	String	1	30	
CustRef	String	1	20	
PlotNumber	Decimal	1	12(10.2)	
CentralAssetID	1	1	20	
FeatureDescription	String	1	2000	

DefectPriority

Element	Type	No. of	Max Size	Notes
DefectCatKey	Decimal	1	6 (6,0)	
SiteClassCode	String	1	4	
PriorityCode	String	1	4	

DefectType

Element	Type	No. of	Max Size	Notes
DefectTypeCode	String	1	4	
DefectTypeName	String	1	30	
DefectTypeClass	String	1	1	
DefectCatKey	Decimal	1	6 (6,0)	Defect Category
FastDefectType	(empty)	0-1	-	Presence indicates a Fast Defect Type.
DefectTypeAttribute	DefectTypeAttribute	0-1	-	Operational Attributes associated with the Defect Type

Only Defect Types not flagged as dead are exported.

Defect Types may be restricted according to their Device Data Key.

DefectTypeAttribute

Element	Type	No. of	Max Size	Notes
OperationAttr-TypeCode	String	1	4	Operational attribute type code
SortOrder	Decimal	1	4(4,0)	

DefectTypeGroup

Element	Type	No. of	Max Size	Notes
SORGroupCode	String	1	4	
DefectTypeCode	String	1	4	

A Defect Type Group will only be exported if both the SOR Group and the Defect Type are being exported.

EnquiryAttribute

Element	Type	No. of	Max Size	Notes
EnqAttrib-TypeCode	String	1	4	
EnqAttribValue-Code	String	1	4	<choice>
EnqAttribString-Value	String		2000	
EnqAttribNum-Value	Decimal		12 (10,2)	
EnqAttribDate-Value	DateTime		-	

EnquiryCommitment

Element	Type	No. of	Max Size	Notes
CommitmentName	String	1	30	
TargetDate	DateTime	1	-	

EnquiryCustomer

Element	Type	No. of	Max Size	Notes
CustomerNumber	Decimal	1	8	
CustomerTitle	String	0-1	8	
CustomerFore-name	String	0-1	40	

Element	Type	No. of	Max Size	Notes
CustomerSurname	String	0-1	50	
CustomerPhone	String	0-1	20	
CustomerAlt-Phone	String	0-1	20	
CustomerEmail	String	0-1	100	
CustomerSecondaryAddress	String	0-1	60	
CustomerPrimary-Address	String	0-1	60	
CustomerStreet-Desc	String	0-1	100	
CustomerLocality-Name	String	0-1	35	
CustomerTown-Name	String	0-1	35	
CustomerCounty-Name	String	0-1	35	
CustomerPost-Code	String	0-1	8	
Customer-TypeCode	String	0-1	4	
PointOfContact-Code	String	0-1	4	

EnquiryStatus

Element	Type	No. of	Max Size	Notes
EnqStatusCode	String	1	4	
EnqStatusName	String	1	30	
OutstandingFlag	Boolean	1	-	
Inactive	(empty)	0-1	-	Presence depends on Device Data Key

Only Enquiry Statuses not flagged as dead are exported.

EnquirySubject

Element	Type	No. of	Max Size	Notes
SubjectCode	String	1	4	
SubjectName	String	1	30	
SubjectNotes	String	1	30	
SubjectAttribute	SubjectAttribute	0-n	-	

FailureType

Element	Type	No. of	Max Size	Notes
FailureCode	String	1	4	
FailureName	String	1	30	
ApplicabilityFlag	String	1	1	
ReinspectFlag	String	1	1	

Only Failure Types not flagged as dead are exported.

Feature

Element	Type	No. of	Max Size	Notes
CentralAssetID	String	1	20	
PlotNumber	Decimal	1	12 (10,2)	
FeatureDescription	String	1	50	Made up of the Feature's Feature Id, Feature Type, Location & Plot No. (Feature Type is omitted if the Location text is > 30 characters)
FeatureX	Decimal	0-1	12 (10,2)	
FeatureY	Decimal	0-1	12 (10,2)	
FeatureQuantity	Decimal	1	12 (10,2)	
SiteClassCode	String	1	4	

Only Features not flagged as dead are exported.

Features are restricted by work group security.

FeatureAttribute

Module requirement – Asset Survey (0320)

Element	Type	No. of	Max Size	Notes
AttributeTypeCode	String	1	5	
AttributePickValue	String	0-1	4	Type P only
AttributeTextValue	String	0-1	2000	Type P, D or T only
AttributeNum-Value	Decimal	0-1	12 (10,2)	Type N only
AttributeDate-Value	DateTime	0-1	-	Type D only

FeatureCondition

Module requirement – Asset Survey (0320) or Condition Survey (0620)

Element	Type	No. of	Max Size	Notes
Observe- TypeCode	String	1	4	
ObsGradeCode	String	1	4	
ObsGradeValue	Decimal	0-1	14 (10.4)	
ConditionNotes	String	0-1	2000	

FeatureGroup

Element	Type	No. of	Max Size	Notes
FeatureGroup- Code	String	1	4	
PrimaryAttr- TypeCode	String	1	4	
FeatureType	FeatureType	0-n	-	
Feature- GroupAssessment	Feature- GroupAssess- ment	0-n	-	
FeatureGroupAt- tribute	FeatureGroupAt- tribute	0-n	-	

FeatureGroupAssessment

Element	Type	No. of	Max Size	Notes
Assessment- TypeCode	String	1	6	

FeatureGroupAttribute

Element	Type	No. of	Max Size	Notes
AttributeTypeCode	String	1	5	
Mandatory	(empty)	0-1	1	Presence indic- ates a mandatory attribute.

FeatureJob

Element	Type	No. of	Max Size	Notes
JobNumber	Decimal	1	8 (8,0)	

Element	Type	No. of	Max Size	Notes
JobLocation	String	1	2000	
JobNotes	String	1	2000	
PriorityCode	String	1	4	
JobStatusCode	String	1	4	
JobEasting	Decimal	0-1	12 (10.2)	
JobNorthing	Decimal	0-1	12 (10.2)	
JobStartDate	DateTime	0-1	-	
EstCompDate	DateTime	0-1	-	
PriceFactorCode	String	1	4	
ContractCode	String	0-1	6	
CostCode	String	0-1	15	
CostCodeName	String	0-1	30	
JobStatusFlag	String	1	1	Job Committed (U or C)
FeatureJobItem	FeatureJobItem	0-n	-	
FeatureJobAttribute	FeatureJobAttribute	0-n	-	

FeatureJobItem

Element	Type	No. of	Max Size	Notes
JobItemDescription	String	1	2000	
JobItemQuantity	Decimal	1	12 (10.2)	
JobItemNumber	Decimal	1	4 (4,0)	
SORItemCode	String	1	8	
JobItemLength	Decimal	1	12 (10.2)	
JobItemWidth	Decimal	1	12 (10.2)	
JobItemDepth	Decimal	1	12 (10.2)	
CostCode	String	1	15	
CostCodeName	String	1	30	

FeatureJobAttribute

Element	Type	No. of	Max Size	Notes
JobAttributeTypeCode	String	1	4	
JobAttributeStringValue	String	1	2000	Present if Parameter Type is Text
JobAttributeValueCode	String	1	4	Present if Parameter Type is Pick

Element	Type	No. of	Max Size	Notes
JobAttribNum-Value	Decimal	1	14 (12,2)	Present if Parameter Type is Number
JobAttribDate-Value	DateTime	1	-	Present if Parameter Type is Date

FeatureTask

Element	Type	No. of	Max Size	Notes
CentralAssetID	String	1	20	
PlotNumber	Decimal	1	12 (10,2)	
FeatureDescription	String	1	2000	Made up of the feature's Feature Id, Feature Type, Location, Plot No & Next Inspection Due Date. (Feature Type is omitted if the Location text is > 30 characters)
CentroidX	Decimal	0-1	12 (10,2)	
CentroidY	Decimal	0-1	12 (10,2)	
FeatureTypeCode	String	1	4	
SiteClassification-Code	String	1	4	
FeatureLocation	String	1	2000	
FeatureID	String	0-1	15	
PrimaryMeasure	Decimal	1	12 (10,2)	
FeatureNotes	String	1	2000	
Task	Task	0-n	-	Feature level tasks
FeatureAttribute	String	0-n	-	
FeatureJob	String	0-n	-	
FeatureCondition	String	0-n	-	

FeatureType

Element	Type	No. of	Max Size	Notes
FeatureTypeCode	String	1	4	
FeatureTypeName	String	1	30	

GetActionOfficersResponse

Element	Type	No. of	Max Size	Notes
ActionOfficer	ActionOfficer	0-n	-	

GetActivityHistoryResponse

Element	Type	No. of	Max Size	Notes
SiteActivityHistory	SiteActivityHistory	1-n	-	

GetAttributeLookupsResponse

Element	Type	No. of	Max Size	Notes
AttributeType	AttributeType	0-n	-	
FeatureGroup	FeatureGroup	0-n	-	
SiteClassification	SiteClassification	0-n	-	

GetConditionLookupsResponse

Element	Type	No. of	Max Size	Notes
AssessmentType	AssessmentType	0-n	-	
AssessmentGrade	AssessmentGrade	0-n	-	

GetContractsResponse

Element	Type	No. of	Max Size	Notes
OverridePenaltyPoints	Boolean	1	-	Allow user to override penalty points
OverridePenaltyCharge	Boolean	1	-	Allow user to override penalty charge
ReinspectionDate	Boolean	1	-	Allow a re-inspection date to be set
Contract	Contract	0-n	-	
FailureType	FailureType	0-n	-	Need Performance Monitoring (Confirm Mobile module 1100)
PriceFactor	PriceFactor	0-n	-	Need Jobs in the Field (Confirm Mobile module 0735)

GetCostCodeLookupsResponse

Element	Type	No. of	Max Size	Notes
CostCode	CostCode	0-n	-	

GetCustomerLookupsResponse

Element	Type	No. of	Max Size	Notes
DefPointOfContact-Code	String	0-1	4	
DefCustomer-TypeCode	String	0-1	4	
PointOfContact	PointOfContact	0-n	-	
CustomerType	CustomerType	0-n	-	

GetDefaultFeaturesResponse

Element	Type	No. of	Max Size	Notes
Site	Site	0-n	-	

“Default” Features are those that have the “Select for Ad-hoc Inspection” flag checked against their Feature Group in Confirm.

Note that the top level element of this response will return all Sites that the Officer has access to, not just the ones that contain “Default” Features.

GetDefectLookupsResponse

Element	Type	No. of	Max Size	Notes
DefectType	DefectType	0-n	-	
DefectTypeGroup	Defect-TypeGroup	0-n	-	
DefectPriority	DefectPriority	0-n	-	
Organisation	Organisation	0-n	-	
CostCode	CostCode	0-n	-	Blank if Cost Codes have already been included in GetCost-CodeLook-upsResponse
XSP	XSP	0-n	-	

GetEnquiryStatusLookupsResponse

Element	Type	No. of	Max Size	Notes
EnquiryStatus	EnquiryStatus	0-n	-	

GetMaintenanceLookupsResponse

Element	Type	No. of	Max Size	Notes
Priority	Priority	0-n	-	
JobStatus	JobStatus	0-n	-	

GetOperationalAttributeLookupsResponse

Element	Type	No. of	Max Size	Notes
OperationalAttributeType	OperationalAttributeType	0-n	-	

GetOrganisationLookupsResponse

Element	Type	No. of	Max Size	Notes
Organisation	Organisation	0-n	-	

GetSiteLookupsResponse

Element	Type	No. of	Max Size	Notes
StreetRecordType	StreetRecordType	0-n	-	

GetSORItemsResponse

Element	Type	No. of	Max Size	Notes
SORItem	SORItem	0-n	-	
SORGroup	SORGroup	0-n	-	
SORBookmark	SORBookmark	0-n	-	
UnitOfMeasure	UnitOfMeasure	0-n	-	

GetStreetWorksLookupsResponse

Element	Type	No. of	Max Size	Notes
InspectionWindow	Decimal	0-1	4 (4,0)	Street Works Inspection System Setting
ScheduleInspection	Decimal	0-1	4 (4,0)	Street Works Inspection System Setting
InspectionCategory	InspectionCategory	0-n	-	
InspectionOutcome	InspectionOutcome	0-n	-	
InspectionItemGroup	InspectionItemGroup	0-n	-	
SurfaceType	SurfaceType	0-n	-	

GetSystemSettingsResponse

Element	Type	No. of	Max Size	Notes
LocationLoggingInterval	Decimal	0-1	4 (4,0)	Setting for how often to poll GPS receiver for location
LocationUploadInterval	Decimal	0-1	4 (4,0)	Setting for how often to upload location history and download urgent tasks
LocationDistanceTolerance	Decimal	0-1	4 (4,0)	Setting for how much distance action officer must have moved before new location is logged
MaxWorkingZoom	Decimal	0-1	5 (5,0)	Maximum Zoom level to display Activity History on map

GetTasksResponse

Element	Type	No. of	Max Size	Notes
SiteTask	SiteTask	1-n	-	
InspRoute	InspectionRoute	0-n	-	

GetTypeOfServiceLookupsResponse

Element	Type	No. of	Max Size	Notes
TypeOfService	TypeOfService	0-n	-	

GetUrgentTasksResponse

Element	Type	No. of	Max Size	Notes
OfficerCode	String	1	4	
SiteTask	SiteTask	0-n	-	

InspectionCategory

Element	Type	No. of	Max Size	Notes
InspCategoryCode	String	1	4	
InspCategory-Name	String	1	40	
ExternalRef1	String	1	20	“DfT Ref. 1” field on Confirm Inspection Category screen.
ExternalRef2	String	1	20	“DfT Ref. 2” field on Confirm Inspection Category screen.
WholeWorksFlag	Boolean	1	-	“Whole Works Inspection” field on Confirm Inspection Category screen. True – ticked (Y) False – not ticked (N)
ItemGroupCode	String	0-n	4	

InspectionItemGroup

Element	Type	No. of	Max Size	Notes
ItemGroupCode	String	1	4	
SLGGroupFlag	Boolean	1	-	“Signing Lighting & Guarding Group” field on Confirm Inspection Group screen. True – ticked (Y). Group is concerned with sign-

Element	Type	No. of	Max Size	Notes
InspectionItem- Type	InspectionItem- Type	0-n	-	ing, lighting and guarding. False – not ticked (N)

InspectionItemType

Element	Type	No. of	Max Size	Notes
ItemTypeNo	Decimal	1	4	
ItemTypeName	String	1	40	
WrongEquipFlag	String	1	20	“Equipment Type” on Confirm Inspection Item screen; which may be set if the Item’s Inspection Group has the “Signing, Lighting and Guarding”. In deciding whether to issue an improvement notice for inadequate measures for signing, lighting and guarding, the street authority should take into account whether the equipment is adequate. True – ticked (Y). Item is in the Signing, Lighting and Guarding Group and the item should be inspected to see if it is adequate. False – not ticked (N)

InspectionOutcome

Element	Type	No. of	Max Size	Notes
InspOutcomeCode	String	1	4	
InspOutcome- Name	String	1	30	
InspOutcomeFlag	String	1	1	“Status” field on Confirm screen Inspection Outcome.

Element	Type	No. of	Max Size	Notes
SLGFlag	String	1	1	<p>P – Passed. An Inspection with this Outcome has passed. F – Failed. A defect has been found. N – Cancelled. The Inspection was not carried out. SLG-Flag string 1 1 “Inadequacy Type” field on Confirm screen Inspection Outcome. E – Either X – Not Applicable. For a “no outcome” type of outcome e.g. for an Abortive outcome. N – Reinstatement. Where the Outcome is Failed and relates to a Reinstatement Outcome. Y – Signing, Lighting & Guarding. Where the Outcome is failed and relates to Signing, Lighting and Guarding Outcome.</p>
AuthActionFlag	Boolean	1	-	<p>“Authority Actioned” field on Confirm screen Inspection Outcome. True – ticked (Y). For Failed Outcomes in which the Authority Action was required. On the Confirm Mobile “Outcome Notes” may not be left blank when the Inspection Outcome is flagged as Authority Actioned. False – not ticked (N)</p>
FailLevelFlag	String	1	1	<p>“Risk Level” field on Confirm screen Inspection Out-</p>

Element	Type	No. of	Max Size	Notes
				come. When the status is “Failed” this may be set to “Higher” or “Lower” H – Higher L – Lower N – Not Applicable
ExternalRef1	String	1	20	“DfT Ref. 1” field on Confirm Inspection Outcome screen.
ExternalRef2	String	1	20	“DfT Ref. 2” field on Confirm Inspection Outcome screen.

InspectionRoute

Module requirement – Street Works (3820)

Element	Type	No. of	Max Size	Notes
InspRouteCode	String	1	4	
InspRouteName	String	1	30	
InspRouteSite	Inspection-RouteSite	0-n	-	

InspectionRouteFeature

Element	Type	No. of	Max Size	Notes
CentralAssetId	String	1	20	
InspRouteOrder	Decimal	1	-	

InspectionRouteSite

Element	Type	No. of	Max Size	Notes
RouteSiteSequence	Decimal	1	6 (6,0)	
SiteCode	String	1	10	
InspRouteFeature	InspectionRoute-Feature	0-n	-	

Job

Element	Type	No. of	Max Size	Notes
PriorityCode	String	1	4	
JobStatusFlag	String	1	1	
PlotNumber	Decimal	1	10 (8,2)	
CentralAssetId	String	1	20	
FeatureDescription	String	1	2000	

JobStatus

Element	Type	No. of	Max Size	Notes
StatusCode	String	1	4	
StatusName	String	1	30	
IncludeInReduced-StatusList	String	1	1	Y or N
Inactive	(empty)	0-1	-	Presence depends on Device Data Key

Job Status records may include an Inactive element depending on their Device Data Key.

OperationResponse

Element	Type	No. of	Max Size	Notes
...				
GetActionOfficersResponse	GetActionOfficersResponse	0-1	-	
GetActivityHistoryResponse	GetActivityHistoryResponse	0-1	-	
TransferOfficersDataResponse	TransferOfficersDataResponse	0-1	-	

OperationalAttributeType

Element	Type	No. of	Max Size	Notes
Code	String	1	4	Attribute Type code
Name	String	1	30	Attribute Type value (Name?)
TypeFlag	String	1	1	Permitted values are: D, N, T & P for Date, Number,

Element	Type	No. of	Max Size	Notes
				Text and Pick respectively
MandatoryFlag	Boolean	1	-	
NumericMin	Decimal	0-1	12 (10,2)	Only applicable to Numeric Attributes
NumericMax	Decimal	0-1	12 (10,2)	Only applicable to Numeric Attributes
DefaultTextValue	String	0-1	2000	Default text value
DefaultNumeric-Value	Decimal		12 (10,2)	Default numeric value
DefaultValueCode	String		4	Default attribute value code
DefaultDateFlag	Boolean		-	Default date to current date
OperationalAttributeValue	OperationalAttributeValue	0-n	-	

OperationalAttributeValue

Element	Type	No. of	Max Size	Notes
Code	String	1	4	
Name	String	1	30	

Organisation

Element	Type	No. of	Max Size	Notes
OrganiseCode	String	1	8	
OrganiseName	String	1	40	

Only Organisations not flagged as dead are exported.

Only Organisations without from and end dates are exported.

Organisations may be restricted by Organisation Coverage and Work Group Security depending on system setting.

Organisations may be restricted according to their Device Data Key.

PointOfContact

Element	Type	No. of	Max Size	Notes
PointOfContact-Code	String	1	4	
PointOfContact-Name	String	1	30	

PriceFactor

Element	Type	No. of	Max Size	Notes
PriceFactorCode	String	1	4	
PriceFactorCode	String	1	30	

Priority

Element	Type	No. of	Max Size	Notes
PriorityCode	String	1	4	
PriorityName	String	1	30	
Inactive	(empty)	0-1	-	Presence depends on Device Data Key

Priority records may include an Inactive element depending on their Device Data Key.

ProgrammedInspectionSite

Element	Type	No. of	Max Size	Notes
SiteNumber	Decimal	1	4 (4,0)	Data from Notice Site
SiteLocation	String	1	2000	
SiteLength	Decimal	0-1	6 (4,2)	Note: Surface Type Code is needed to create transfer text file
SiteWidth	Decimal	0-1	6 (4,2)	
SiteLocationX	Decimal	0-1	10 (8,2)	
SiteLocationY	Decimal	0-1	10 (8,2)	
SurfaceTypeCode	String	1	4	Note: Surface Type Name is needed for ConfirmF-BI.net
SurfaceTypeName	String	1	40	
InspectionSiteStatus	String	1	20	This is not Confirm Site Status but is similar to the summary status on the Inspection Ticket. IF Permanent date is not null Status is 'Permanent' ELSE IF Interim date is not null Status is 'Interim' ELSE IF today's date is before Work Start date Status is 'Not

Element	Type	No. of	Max Size	Notes
				Started' ELSE IF Site Prop. End date is not null this is the End Date ELSE Notice Est End date is the End Date IF today's date is before the End Date the Status is 'Started' ELSE The Status is 'Complete'
InspFromDate	DateTime	0-1	-	Will be set to the values from the Programmed Inspection. These fields will override the defaults from the TaskStreet-WorksInspection element if supplied. Any overrides supplied for LinkedSite records will be ignored.
InspCategoryCode	String	0-1	4	
ProgrammedInsp-Notes	String	0-1	2000	
InspToDate	DateTime	0-1	-	
OriginatingDefect-Number	Decimal	0-1	8 (8,0)	

Response

Element	Type	No. of	Max Size	Notes
...				
OperationResponse	OperationResponse	0-1	-	
TimeStamp	DateTime	1	-	The current date and time on the server

Site

Element	Type	No. of	Max Size	Notes
SiteCode	String	1	10	
SiteName	String	1	40	
AreaName	String	1	30	
LocalityName	String	0-1	35	
TownName	String	0-1	35	
CountyName	String	0-1	35	
StreetTypeCode	Decimal	1	8 (8,0)	
Feature	Feature	0-n	-	

SiteActivityHistory

Element	Type	No. of	Max Size	Notes
SiteCode	String	1	10	
SiteName	String	1	40	
Activity	Activity	0-1	-	

SiteClassification

Element	Type	No. of	Max Size	Notes
SiteClassCode	String	1	4	
SiteClassName	String	1	30	

SiteTask

Element	Type	No. of	Max Size	Notes
SiteCode	String	1	10	
SiteName	String	1	40	
LocalityName	String	0-1	35	
TownName	String	0-1	35	
CountyName	String	0-1	35	
StreetTypeCode	Decimal	1	8 (8,0)	
Task	Task	0-n	-	Site level tasks
Feature	FeatureTask	0-n	-	Feature level tasks

At least one of either Task or Feature must be present, otherwise SiteTask is not included in the response.

SORBookmark

Element	Type	No. of	Max Size	Notes
BookmarkCode	String	1	6	
BookmarkName	String	1	30	
SORItemCode	String	1	8	

See SORItem for inherited export restrictions.

SORGroup

Element	Type	No. of	Max Size	Notes
SORGroupCode	String	1	4	

Element	Type	No. of	Max Size	Notes
SORGroupName	String	1	30	
SORGroupItem	SORGroupItem	0-1	-	

See [SORItem](#) for inherited export restrictions. An SOR Group will be exported if any of its SOR Items are exported.

SORGroupItem

Element	Type	No. of	Max Size	Notes
SORGroupItemNo	Decimal	1	4 (4,0)	
SORItemCode	String	1	8	

See [SORItem](#) for inherited export restrictions.

SORItem

Element	Type	No. of	Max Size	Notes
SORItemCode	String	1	8	
SORItemName	String	1	55	
SORItemDescription	String	0-1	2000	
UnitCode	String	1	4	

Only SOR Items not flagged as dead are exported.

Only SOR Items that are Parent SOR Items are exported.

SOR Items may be restricted by Contract BOQ depending on System Setting.

Liquidated Damages and Retention Items are not exported.

SOR Items may be restricted according to the Device Data Key of the associated Schedule.

StreetRecordType

Element	Type	No. of	Max Size	Notes
StreetTypeCode	Decimal	1	8 (8,0)	
StreetTypeName	String	1	30	
AliasFlag	String	1	1	
StreetFlag	String	1	1	
ExternalReference	String	1	20	
MaintenanceFlag	String	1	1	
FeatureFlag	String	1	1	

StreetWork

Element	Type	No. of	Max Size	Notes
LoggedDate	DateTime	1	-	
PromoterName	String	1	50	
PromoterPhone	String	1	20	
OfficerName	String	1	30	
OfficerPhone	String	1	20	
OrganiseCode	String	1	8	
SiteNumber	Decimal	1	4 (4,0)	

SubjectAttribute

Element	Type	No. of	Max Size	Notes
EnqAttrib- TypeCode	String	1	4	Elements will be ordered by Display Order

SurfaceType

Element	Type	No. of	Max Size	Notes
SurfaceTypeCode	String	1	4	
SurfaceTypeName	String	1	40	

Task

Element	Type	No. of	Max Size	Notes
TaskDescription	String	1	4	
TaskX	String	0-1	40	
TaskY	String	0-1	40	
DueDate	String	0-1	40	
UrgentFlag	String	0-1	40	
TaskEnquiry	TaskEnquiry	1	-	<choice>
TaskConditionSurvey	TaskCondition-Survey			
TaskAssetSurvey	TaskAssetSurvey			
TaskMonitoring	TaskMonitoring			
TaskStreet-WorksInspection	TaskStreet-WorksInspection			
TaskJob	TaskJob			

Note: TaskEnquiry can be at either Site or Feature level. TaskStreetWorksInspection is Site level and all others are at Feature level only.

TaskAssetSurvey

Module requirement – Asset Survey (0320)

Element	Type	No. of	Max Size	Notes
InspRouteCode	String	1	4	

TaskConditionSurvey

Module requirement – Condition Survey (0620)

Element	Type	No. of	Max Size	Notes
InspRouteCode	String	1	4	

TaskEnquiry

Module requirement – Customer Service (1320)

Element	Type	No. of	Max Size	Notes
EnquiryNumber	String	1	8 (8,0)	
ServiceCode	String	1	4	
SubjectCode	String	1	4	
EnquiryDescription	String	0-1	2000	
EnquiryLocation	String	0-1	2000	
EnqStatusCode	String	1	4	
AssignedOfficerCode	String	1	4	
LoggedTime	String	1	-	This is the time of the most recent status update, not the date the Enquiry was originally logged
StatusLogNotes	String	1	2000	
EnquiryAttribute	EnquiryAttribute	0-n	-	
EnquiryCustomer	EnquiryCustomer	0-n	-	
EnquiryCommitment	EnquiryCommitment	0-n	-	

TaskJob

Module requirement – Jobs in the Field (0735)

Element	Type	No. of	Max Size	Notes
JobNumber	Decimal	1	8 (8,0)	

TaskMonitoring

Module requirement – Performance Monitoring (1120)

Element	Type	No. of	Max Size	Notes
ContractCode	String	1	6	
Monitoring-BatchNo	Decimal	1	8	
MonitoringItemNo	Decimal	1	6	
JobNumber	Decimal	0-1	8 (8,0)	For non-routine tasks only
ReinspectionFlag	String	1	1	
Period	String	0-1	3	For Routine tasks only
Week	Decimal	0-1	2 (2,0)	For Routine tasks only
Day	Decimal	0-1	1 (1,0)	For Routine tasks only Day Number (1 = Monday & 7 = Sunday)
Occasions	Decimal	0-1	3 (3,0)	For Routine tasks only
Quantity	Decimal	0-1	12 (10,2)	For Routine tasks only

TaskStreetWorksInspection

Module requirement – Street Works (3820)

Element	Type	No. of	Max Size	Notes
WorksRef	String	1	20	Data from Notice header
WorksDesc	String	1	2000	
OrganisationCode	String	1	8	
OrganisationExtRef2	String	0-1	5	
WorkStartDate	String	1	-	
WorkEndDate	DateTime	1	-	
InspFromDate	DateTime	1	-	Will be set from the first Pro-
InspCategoryCode	String	1	4	

Element	Type	No. of	Max Size	Notes
ProgrammedInsp-Notes	String	0-1	2000	grammed Inspection. This data will be the default for all ProgrammedInspectionSite records, but can be overridden by data within the ProgrammedInspectionSite element. This data will be used by all LinkedSite records and cannot be overridden
InspToDate	DateTime	1	1-	
OriginatingDefect-Number	Decimal	0-1	8 (8,0)	
OrganisationName	String	1	50	Name is passed as well as Code because GetStreetWorksLookupsResponse does not include Organisations.
ProgrammedInspectionSite	ProgrammedInspectionSite	1-n	-	The Notice Site that is on the Programmed Inspection.
LinkedSite	ProgrammedInspectionSite	0-n	-	Other Sites on the Notice if the Programmed Inspection Sampled Flag is ticked and Inspection System Setting > Inspection Ticket Level is "Works" or "Street". This assumes that linked Notice Sites are on the same Site Code which will be the case in the new Code of Practice.

TransferOfficerDataResponse

Element	Type	No. of	Max Size	Notes
OfficerCode	Decimal	1	4	The Action Officer whom the tasks are for
GetAttributeLookupsResponse	GetAttributeLookupsResponse	0-1	-	

Element	Type	No. of	Max Size	Notes
GetMaintenanceLookupsResponse	GetMaintenanceLookupsResponse	0-1	-	
GetCostCodeLookupsResponse	GetCostCodeLookupsResponse	0-1	-	
GetDefectLookupsResponse	GetDefectLookupsResponse	0-1	-	
GetConditionLookupsResponse	GetConditionLookupsResponse	0-1	-	
GetCustomerLookupsResponse	GetCustomerLookupsResponse	0-1	-	
GetContractsResponse	GetContractsResponse	0-1	-	
GetDefaultFeaturesResponse	GetDefaultFeaturesResponse	0-1	-	
TransferWarning	TransferWarning	0-1	-	
GetOrganisationLookupsResponse	GetOrganisationLookupsResponse	0-1	-	
GetSiteLookupsResponse	GetSiteLookupsResponse	0-1	-	
GetStreetWorksLookupsResponse	GetStreetWorksLookupsResponse	0-1	-	
GetSORItemsResponse	GetSORItemsResponse	0-1	-	
GetOperationalAttributeLookupsResponse	GetOperationalAttributeLookupsResponse	0-1	-	
GetSystemSettingsResponse	GetSystemSettingsResponse	0-1	-	
GetTasksResponse	GetTasksResponse	0-1	-	
GetTypeOfServiceLookupsResponse	GetTypeOfServiceLookupsResponse	0-1	-	
GetEnquiryStatusLookupsResponse	GetEnquiryStatusLookupsResponse	0-1	-	

TransferWarning

Element	Type	No. of	Max Size	Notes
ItemDescription	String	1	2000	Will identify the task/element that

Element	Type	No. of	Max Size	Notes
Warning	String	1-n	2000	raised the warning. Note that this is supplied in a "user-friendly" format and is not intended to be interpreted by another application.

TypeOfService

Element	Type	No. of	Max Size	Notes
ServiceCode	String	1	4	
ServiceName	String	1	30	
EnquirySubject	EnquirySubject	0-n	-	

UnitOfMeasure

Element	Type	No. of	Max Size	Notes
UnitCode	String	1	4	
LengthFlag	String	1	1	
WidthFlag	String	1	1	
DepthFlag	String	1	1	
UpliftFlag	String	1	1	

XSP

Element	Type	No. of	Max Size	Notes
XSPCode	String	1	6	
XSPName	String	1	30	