



# Explore API Documentation

## SelfService\_Contract\_ContractBackCharge Version 1.1

Last Modified: 8/11/2022



## Change Log

This changelog only contains significant or notable changes to the revision. Any editorial type changes or minor changes are not included.

Revision	Change Date	Description	Modified By
1.0	6/26/2020	Initial draft	Swadesh Subedi
1.1	8/11/2022	Updated data refresh	Litzy Mora

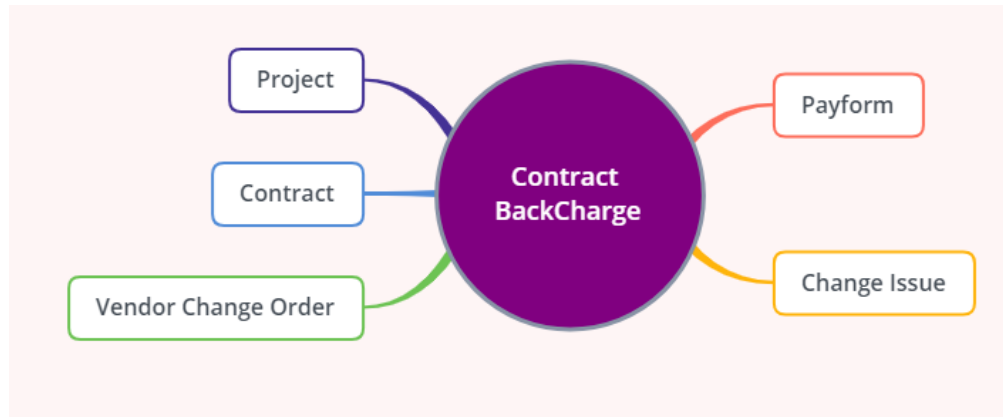
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## Overview

The **SelfService\_Contract\_ContractBackCharge** API lists all the back charges and outlines its association with VCO, Issues, Payforms.. The API also provides information on project, contract, WBS and Cost Center related to the back charge.



## Relationships and Dependencies

From: Table	To: Table	Relationship	Cardinality	Comment
ContractBackCharge(C BC)	Contract (C)	CBC.ContractId = C.ContractId	M:1	Contract information
ContractBackCharge(C BC)	Project (P)	CBC.ProjectId = P.ProjectId	M:1	Project information
ContractBackCharge(C BC)	Payform (PF)	CBC.PayformId = PF.PayformId	1:M	Payform
ContractBackCharge(C BC)	IssueSummary (IS)	CBC.ChangeIssued = IS.ChangeIssued	1:M	Issue
ContractBackCharge(C BC)	VendorChange Order(VCO)	CBC.ContractChangeOrderId = VCO.ContractChangeOrderId	1:M	VCO

### API Detail

Direction	From Project Suite
Pagination	50,000 Rows
Frequency	All Reporting APIs are used by calling a GET method at an interval determined by the customer. InEight suggests using these APIs on an infrequent basis (once per day) to avoid potential performance impact to live systems when the returned data set could be large.
Trigger Method(s)	All default OData filters are supported
Average Payload Size	Depends on date range selected
APIM Name	SelfService_Contract_ContractBackCharge
API URL (QA)	https://t01-kwt-tst-205.hds.ineight.com/reportwebservices/odata/SelfService_Contract_ContractBackCharge

Source Data Table Kind		ODS Table (Release 20.5.2)
Data Refresh/Delta/Incremental Loads		This API must be run as a full refresh each time; the data in this API refreshes every 15-20 minutes
Project Suite	Starting Version	V1.0
	Ending Version	V1.0

## Supported Filters

All default OData filters are supported by this API.

## Fields

Column Name	Data Type	Char Max Length	Numeric Precision	Numeric Scale	Date Precision	Is Nullable	PK
BackChargeld	bigint	NULL	19	0	NULL	0	X
ProjectId	bigint	NULL	19	0	NULL	1	
ProjectDisplay	nvarchar	200	NULL	NULL	NULL	1	
ProjectName	nvarchar	300	NULL	NULL	NULL	1	
ContractId	bigint	NULL	19	0	NULL	1	
ContractTitle	nvarchar	4000	NULL	NULL	NULL	1	
BackChargeDescription	nvarchar	500	NULL	NULL	NULL	1	
DisplayId	nvarchar	52	NULL	NULL	NULL	0	
SupplierNotificationDate	date	NULL	NULL	NULL	0	1	
BackChargWorkCompletiondate	date	NULL	NULL	NULL	0	1	
BackChargeAmount	decimal	NULL	16	5	NULL	1	
AccountAssignmentType	nvarchar	50	NULL	NULL	NULL	0	
PhaseCode	nvarchar	50	NULL	NULL	NULL	1	
WBSDescription	nvarchar	250	NULL	NULL	NULL	1	
CostCenterSourceSystemId	nvarchar	50	NULL	NULL	NULL	1	
CostCenterDescription	nvarchar	250	NULL	NULL	NULL	1	
ContractChangeOrderId	bigint	NULL	19	0	NULL	1	
VendorChangeOrderNumber	nvarchar	50	NULL	NULL	NULL	1	
VCODescription	nvarchar	500	NULL	NULL	NULL	1	
VCOStatus	nvarchar	500	NULL	NULL	NULL	1	
VCOWorkflowStatus	nvarchar	50	NULL	NULL	NULL	1	
PayformId	bigint	NULL	19	0	NULL	1	
PaymentRequestCode	nvarchar	50	NULL	NULL	NULL	1	
PayformDescription	nvarchar	1000	NULL	NULL	NULL	1	
PayformWorkflowStatus	nvarchar	1000	NULL	NULL	NULL	1	
WorkflowStatus	nvarchar	50	NULL	NULL	NULL	1	
ChangeIssuedId	bigint	NULL	19	0	NULL	1	
IssueDisplayId	nvarchar	50	NULL	NULL	NULL	1	
IssueName	nvarchar	500	NULL	NULL	NULL	1	
IssueStatus	nvarchar	100	NULL	NULL	NULL	1	

ValueType	nvarchar	100	NULL	NULL	NULL	1	
CurrentValue	decimal	NULL	16	5	NULL	1	
Comment	nvarchar	4000	NULL	NULL	NULL	1	
IsActive	bit	NULL	NULL	NULL	NULL	0	
CreatedDate	date	NULL	NULL	NULL	0	1	
ModifiedDate	datetimeoffset	NULL	NULL	NULL	7	1	

## Field Descriptions

Name	Description	Example
<b>BackCharged</b>	Unique back charge identifier	3820
<b>ProjectId</b>	Project identifier	82
<b>ProjectDisplay</b>	Project Name	Riverside Metro
<b>ProjectName</b>	Project Display number	11264
<b>ContractId</b>	Unique contract identifier	4120006439
<b>ContractTitle</b>	Contract title	Heavy machinery
<b>BackChargeDescription</b>	Description of back charge	Temporary Retainage
<b>DisplayId</b>	Auto generated display Id. Starts at 0001	0001
<b>SupplierNotificationDate</b>	Supplier notified date	05-26-2020
<b>BackChargWorkCompletiondate</b>	Back charge work completed date	05-25-2020
<b>BackChargeAmount</b>	Back charge amount	400
<b>AccountAssignmentType</b>	Indicates whether account assignment is WBS or Cost Center	WBS
<b>PhaseCode</b>	WBS Phase Code	1002
<b>WBSDescription</b>	Phase Code description	G & A Expense
<b>CostCenterSourceSystemId</b>	Cost center Id	14532
<b>CostCenterDescription</b>	Cost center description	Accounts
<b>ContractChangeOrderId</b>	Unique identifier for a vendor change order	12563
<b>VendorChangeOrderNumber</b>	User entered vendor change order number	1124-Backfill
<b>VCODescription</b>	Vendor change order description	Backfill with concrete
<b>VCOStatus</b>	Vendor change order status	Draft
<b>VCOWorkflowStatus</b>	Vendor change order workflow status	Not applicable
<b>PayformId</b>	Unique payform identifier	982
<b>PaymentRequestCode</b>	Auto generated payment request code.	0002
<b>PayformDescription</b>	Payform description	Daylighting
<b>PayformStatus</b>	Payform status	Approved
<b>PayformWorkflowStatus</b>	Payform workflow status	Approved
<b>Changelssued</b>	Associated Issue Change Issue Id	42021
<b>IssueDisplayId</b>	Display Id of Issue	123 A
<b>IssueName</b>	Issue name	Backfill
<b>IssueStatus</b>	Issue status	In Review
<b>ValueType</b>	Issue value type – least contributing value	Estimate
<b>CurrentValue</b>	Issue current value	40,000
<b>Comment</b>		

<b>IsActive</b>	Indicates if the record is active or has been soft deleted	1 = Active 0 = Inactive
<b>CreatedDate</b>	Back charge created date	2020-02-20
<b>ModifiedDate</b>	Last modified date from all fields	2020-02-21 21:36:48.4729739 +00:00

### Sample

```
{ "BackChargeId":6, "ProjectId":9, "ProjectDisplay":"110141", "ProjectName":"Business Operations - Edited", "ContractId":710000013, "ContractTitle":"Rental test", "BackChargeDescription":"test", "DisplayId":"0002", "SupplierNotificationDate":"2018-02-09", "BackChargeWorkCompletiondate":"2018-02-16", "BackChargeAmount":12343536.00000, "AccountAssignmentType":"WBS", "PhaseCode":null, "WBSDescription":null, "CostCenterSourceSystemId":null, "CostCenterDescription":null, "ContractChangeOrderId":null, "VendorChangeOrderNumber":null, "VCODescription":null, "VCOStatus":null, "VCOWorkflowStatus":null, "PayformId":null, "PaymentRequestCode":null, "PayformDescription":null, "PayformStatus":null, "PayformWorkflowStatus":null, "ChangeIssueId":null, "IssueDisplayId":null, "IssueName":null, "IssueStatus":null, "ValueType":null, "CurrentValue":null, "Comment":null, "IsActive":true, "CreatedDate":"2018-02-17", "ModifiedDate":"2020-02-20T09:35:33.9114927Z" }
```

### Data Validation

Back charges for a contract can be found in the “Back Charges” tab.

Contracts > 7400002114 - Currency test USD \$

Actions < ENDOR CHANGE ORDER LOG **BACK CHARGES** PAYMENT FORMS PAYMENT PROGRESS SUPPORTING DOCUMENTS WORKFLOW ASSIGNMENTS SYNC LOG CONTRACT CLOSEOUT >

Back char...	Description	Cost center	WBS code	Date supp...	Date back...	Back char...	Payment f...	Payment f...	VCO status	VCO ID
0001A	BackCharge API View		105 - EGRES...	05/21/2020	05/27/2020	\$ 250.00			Draft	1245
0001B	BackCharge API View	LK.test 27-06...		05/21/2020	05/27/2020	\$ 250.00				
0002	Back charge with Payform	Core Smoke ...		05/20/2020	05/28/2020	\$ 400.00	New	0001		

Clicking on a single back charge will show the details.

#### Back charge details

Created by: swadesh subedi on 05/21/2020

Back charge ID	*Description
0001A	BackCharge API View
Date supplier notified	Date back charge work completed
05/21/2020	05/27/2020
Account assignment type	WBS code
WBS	105 - EGRESS - Sub
<small>Hint: type ID or description</small>	
Back charge amount	
\$ 250.00	
Comments	979
Splitting back charge	

#### Assignments

Vendor CO ID/Descri...	Approval status	VCO status
1245 - VCO BackCharge	Not applicable	Draft

#### Split back charge

Back charge ID	Description	Back charge amount
0001B	BackCharge API View	\$ 250.00

[Split back charge](#)

The assignment pane on the right of the details page shows detail of back charge associated with VCO or Payform. A back charge can be associated with a VCO or Payform but not both.

Likewise, a back charge can also be associated with a single issue. This information can be found at the bottom of the details page.

## Associated issue



	Issue ID/Name	Issue status	Value type	Current value
<input type="checkbox"/>	<a href="#">858.1 - testing back charge fro...</a>	CCO	Estimate	\$ 45.00