

ICPKS\_CALC Package  
**Extensible Hook Details**  
14.1

May 2018

Oracle Financial Services Software Limited

Oracle Park

Off Western Express Highway  
Goregaon (East)  
Mumbai, Maharashtra 400 063  
India

Worldwide Inquiries:

Phone: +91 22 6718 3000

Fax: +91 22 6718 3001

[www.oracle.com/financialservices/](http://www.oracle.com/financialservices/)

Copyright © 2007, 2016, Oracle and/or its affiliates. All rights reserved.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate failsafe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

This software or hardware and documentation may provide access to or information on content, products and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.

---

## Contents

1. POP_GC/6/3	.....	1
2. POP_SC/6/1	.....	2
3. POP_SC/6/2	.....	2
4. POP_SC/6/3	.....	3
5. POP_SC/6/4	.....	4
6. POP_SC/6/5	.....	4
7. POP_SC/6/6	.....	5
8. POP_SC/6/8	.....	6
9. PR_CALC_PROJ_INT_TILL_MAT/4/1	.....	6
10. PR_POP_GC/5/1	.....	7
11. PR_POP_RATE/5/1	.....	7
12. PR_POP_RATE/5/2	.....	8
13. PR_POP_RATE/5/3	.....	9
14. PR_POP_RATE/5/4	.....	10
15. PR_POP_SC/5/1	.....	10
16. PR_POP_SC/5/7	.....	11

Parameter	Description
Function	POP_GC
No of Parameters	6
Function Call Id	3
Cluster/Custom Function Name	POP_GC
Additional parameters	I_Fn_Call_ID, I_Tb_Cluster_Data
Sent to Extensible layer	I_Tb_Cluster_Data(l_brn) := l_brn, I_Tb_Cluster_Data(r_gc.ude_id) := r_gc.ude_id, I_Tb_Cluster_Data(r_gc.ude_eff_dt) := to_char(r_gc.ude_eff_dt, DD-MON-RRRR), I_Tb_Cluster_Data(r_gc.ude_value) := r_gc.ude_value
Received from Extensible layer	None
Hook Description	Hook is placed in icpks_calc.pop_gc() ,to support IC product UDE Min/Max maintenance at CO level, so multiple countries sharing the same IC product can maintain UDE rates limits as per the country need without maintaining different IC products.
Description	Hook is placed in icpks_calc.pop_gc() ,to support IC product UDE Min/Max maintenance at CO level, so multiple countries sharing the same IC product can maintain UDE rates limits as per the country need without maintaining different IC products.  All parameters received by kernel function are passed to the cluster hook.  Additional parameters passed to cluster hook are mentioned in field "Additional Parameters".  The variables mentioned in "Sent to Extensible Layer" field are passed to cluster hook.  The variables mentioned in "Received from Extensible Layer" field are reassigned to kernel.
Bug No	19139867
Parameter	Description
Function	POP_SC
No of Parameters	6
Function Call Id	1
Cluster/Custom Function Name	POP_SC
Additional parameters	I_fn_call_id, I_tb_cluster_data
Sent to Extensible layer	I_tb_cluster_data(l_tenor) := l_tenor
Received from Extensible layer	I_tenor := I_tb_cluster_data(l_tenor)
Hook Description	Hook is placed in icpks_calc.pop_sc(), for tenor calculation of the LDMM rates.

Description	<p>Hook is placed in icpks_calc.pop_sc(), for tenor calculation of the LDMM rates.</p> <p>All parameters received by kernel function are passed to the cluster hook.</p> <p>Additional parameters passed to cluster hook are mentioned in field "Additional Parameters".</p> <p>The variables mentioned in "Sent to Extensible Layer" field are passed to cluster hook.</p> <p>The variables mentioned in "Received from Extensible Layer" field are reassigned to kernel.</p>
Bug No	17408068

Parameter	Description
Function	POP_SC
No of Parameters	6
Function Call Id	2
Cluster/Custom Function Name	POP_SC
Additional parameters	I_Fn_Call_ID, I_Tb_Cluster_Data
Sent to Extensible layer	<p>I_Tb_Cluster_Data(r_sc.ude_id) := r_sc.ude_id,</p> <p>I_Tb_Cluster_Data(From_Dt) := to_char(from_dt, DD-MON-RRRR),</p> <p>I_Tb_Cluster_Data(r_sc.ude_value) := r_sc.ude_value,</p> <p>I_Tb_Cluster_Data(ramt) := ramt,</p> <p>I_Tb_Cluster_Data(r_sc.td_rate_code) := r_sc.td_rate_code,</p> <p>I_Tb_Cluster_Data(rt_ccy) := rt_ccy,</p> <p>I_Tb_Cluster_Data(p_ty_rate(i).p_effective_date) := to_char(p_ty_rate(i).p_effective_date, DD-MON-RRRR),</p> <p>I_Tb_Cluster_Data(n) := n</p>
Received from Extensible layer	None
Hook Description	<p>Hook is placed in icpks_calc.pop_sc(), to support IC product UDE Min/Max maintenance at CO level, so multiple countries sharing the same IC product can maintain UDE rates limits as per the country need without maintaining different IC products.</p>
Description	<p>Hook is placed in icpks_calc.pop_sc(), to support IC product UDE Min/Max maintenance at CO level, so multiple countries sharing the same IC product can maintain UDE rates limits as per the country need without maintaining different IC products.</p> <p>All parameters received by kernel function are passed to the cluster hook.</p> <p>Additional parameters passed to cluster hook are mentioned in field "Additional Parameters".</p> <p>The variables mentioned in "Sent to Extensible Layer" field are passed to cluster hook.</p> <p>The variables mentioned in "Received from Extensible Layer" field are reassigned to kernel.</p>
Bug No	19139867

Parameter	Description
Function	POP_SC
No of Parameters	6
Function Call Id	3
Cluster/Custom Function Name	POP_SC

Additional parameters	I_Fn_Call_ID, I_Tb_Cluster_Data
Sent to Extensible layer	I_Tb_Cluster_Data(r_sc.ude_id) := r_sc.ude_id, I_Tb_Cluster_Data(r_sc.ude_eff_dt) := to_char(r_sc.ude_eff_dt, DD-MON-RRRR), I_Tb_Cluster_Data(r_sc.ude_value) := r_sc.ude_value
Received from Extensible layer	None
Hook Description	Hook is placed in icpks_calc.pop_sc() to support IC product UDE Min/Max maintenance at CO level, so multiple countries sharing the same IC product can maintain UDE rates limits as per the country need without maintaining different IC products.
Description	Hook is placed in icpks_calc.pop_sc() to support IC product UDE Min/Max maintenance at CO level, so multiple countries sharing the same IC product can maintain UDE rates limits as per the country need without maintaining different IC products.  All parameters received by kernel function are passed to the cluster hook.  Additional parameters passed to cluster hook are mentioned in field "Additional Parameters".  The variables mentioned in "Sent to Extensible Layer" field are passed to cluster hook.  The variables mentioned in "Received from Extensible Layer" field are reassigned to kernel.
Bug No	19139867

Parameter	Description
Function	POP_SC
No of Parameters	6
Function Call Id	4
Cluster/Custom Function Name	POP_SC
Additional parameters	I_Fn_Call_ID, I_Tb_Cluster_Data
Sent to Extensible layer	I_Tb_Cluster_Data(r_sc.ude_id) := r_sc.ude_id, I_Tb_Cluster_Data(from_dt) := to_char(from_dt, DD-MON-RRRR), I_Tb_Cluster_Data(r_sc.ude_value) := r_sc.ude_value, I_Tb_Cluster_Data(x.rate) := x.rate, I_Tb_Cluster_Data(x.rate_code) := x.rate_code, I_Tb_Cluster_Data(rt_ccy) := rt_ccy, I_Tb_Cluster_Data(x.ude_eff_dt) := to_char(x.ude_eff_dt, DD-MON-RRRR), I_Tb_Cluster_Data(n) := n
Received from Extensible layer	None
Hook Description	Hook is placed in icpks_calc.pop_sc() to support IC product UDE Min/Max maintenance at CO level, so multiple countries sharing the same IC product can maintain UDE rates limits as per the country need without maintaining different IC products.

Description	<p>Hook is placed in icpks_calc.pop_sc() to support IC product UDE Min/Max maintenance at CO level, so multiple countries sharing the same IC product can maintain UDE rates limits as per the country need without maintaining different IC products.</p> <p>All parameters received by kernel function are passed to the cluster hook.</p> <p>Additional parameters passed to cluster hook are mentioned in field "Additional Parameters".</p> <p>The variables mentioned in "Sent to Extensible Layer" field are passed to cluster hook.</p> <p>The variables mentioned in "Received from Extensible Layer" field are reassigned to kernel.</p>
Bug No	19139867

Parameter	Description
Function	POP_SC
No of Parameters	6
Function Call Id	5
Cluster/Custom Function Name	POP_SC
Additional parameters	I_Fn_Call_ID, I_Tb_Cluster_Data
Sent to Extensible layer	I_Tb_Cluster_Data(l_brn) := l_brn, I_Tb_Cluster_Data(from_dt) := from_dt, I_Tb_Cluster_Data(to_dt) := to_dt, I_Tb_Cluster_Data(r_sc.rate_code) := r_sc.rate_code, I_Tb_Cluster_Data(rt_ccy) := rt_ccy, I_Tb_Cluster_Data(r_sc.ude_value) := r_sc.ude_value
Received from Extensible layer	None
Hook Description	<p>Hook is placed in icpks_calc.pop_sc() to support IC product UDE Min/Max maintenance at CO level, so multiple countries sharing the same IC product can maintain UDE rates limits as per the country need without maintaining different IC products.</p>
Description	<p>Hook is placed in icpks_calc.pop_sc() to support IC product UDE Min/Max maintenance at CO level, so multiple countries sharing the same IC product can maintain UDE rates limits as per the country need without maintaining different IC products.</p> <p>All parameters received by kernel function are passed to the cluster hook.</p> <p>Additional parameters passed to cluster hook are mentioned in field "Additional Parameters".</p> <p>The variables mentioned in "Sent to Extensible Layer" field are passed to cluster hook.</p> <p>The variables mentioned in "Received from Extensible Layer" field are reassigned to kernel.</p>
Bug No	19139867

Parameter	Description
Function	POP_SC
No of Parameters	6
Function Call Id	6
Cluster/Custom Function Name	POP_SC

Additional parameters	I_fn_call_id, I_tb_cluster_data
Sent to Extensible layer	I_tb_cluster_data(From_Dt):=From_Dt, I_tb_cluster_data(to_dt):=to_dt, I_tb_cluster_data(I_Ccy):=I_Ccy, I_tb_cluster_data(tdratecode):=r_sc.td_rate_code, I_tb_cluster_data(I_amt):=I_amt, I_tb_cluster_data(I_tenor):=I_tenor, I_tb_cluster_data(I_Topup_flag):=I_Topup_flag, I_tb_cluster_data(I_redem_flag):=I_redem_flag, I_tb_cluster_data(ude_variance):=r_sc.ude_variance, I_tb_cluster_data(ude_value):=r_sc.ude_value, I_tb_cluster_data(ude_id):=r_sc.ude_id, I_tb_cluster_data(rt_ccy):=rt_ccy
Received from Extensible layer	From_Dt := I_tb_cluster_data(From_Dt)
Hook Description	Hook is placed in icpks_calc.pop_sc(),to introduce 4 new fields at the screen level in STDCUSTD and a new screen for maintaining Pricing group.
Description	Hook is placed in icpks_calc.pop_sc(),to introduce 4 new fields at the screen level in STDCUSTD and a new screen for maintaining Pricing group.  All parameters received by kernel function are passed to the cluster hook. Additional parameters passed to cluster hook are mentioned in field "Additional Parameters". The variables mentioned in "Sent to Extensible Layer" field are passed to cluster hook. The variables mentioned in "Received from Extensible Layer" field are reassigned to kernel.
Bug No	19029170

Parameter	Description
Function	POP_SC
No of Parameters	6
Function Call Id	8
Cluster/Custom Function Name	POP_SC
Additional parameters	I_Fn_Call_ID, I_Tb_Cluster_Data
Sent to Extensible layer	None
Received from Extensible layer	None
Hook Description	Hook is placed in icpks_calc.pop_sc(), so that the system should not apply the rate code value for the previous liq period.

Description	<p>Hook is placed in icpks_calc.pop_sc(), so that the system should not apply the rate code value for the previous liq period.</p> <p>All parameters received by kernel function are passed to the cluster hook.</p> <p>Additional parameters passed to cluster hook are mentioned in field "Additional Parameters".</p> <p>The variables mentioned in "Sent to Extensible Layer" field are passed to cluster hook.</p> <p>The variables mentioned in "Received from Extensible Layer" field are reassigned to kernel.</p>
Bug No	20021699

Parameter	Description
Function	PR_CALC_PROJ_INT_TILL_MAT
No of Parameters	4
Function Call Id	1
Cluster/Custom Function Name	PR_CALC_PROJ_INT_TILL_MAT
Additional parameters	I_fn_call_id, I_Tb_Cluster_Data
Sent to Extensible layer	I_Tb_Cluster_Data(FRMNO):=tb_icent(i_int).FRM_NO, I_Tb_Cluster_Data(PROD):=tb_icent(i_int).PROD
Received from Extensible layer	None
Hook Description	Hook is placed in icpks_calc.pr_calc_proj_int_till_mat(), to handle DCD which is not through option.
Description	<p>Hook is placed in icpks_calc.pr_calc_proj_int_till_mat(), to handle DCD which is not through option.</p> <p>All parameters received by kernel function are passed to the cluster hook.</p> <p>Additional parameters passed to cluster hook are mentioned in field "Additional Parameters".</p> <p>The variables mentioned in "Sent to Extensible Layer" field are passed to cluster hook.</p> <p>The variables mentioned in "Received from Extensible Layer" field are reassigned to kernel.</p>
Bug No	19055389

Parameter	Description
Function	PR_POP_GC
No of Parameters	5
Function Call Id	1
Cluster/Custom Function Name	POP_GC
Additional parameters	X.UDE_ID, I_Fn_Call_ID, I_Tb_Cluster_Data
Sent to Extensible layer	None
Received from Extensible layer	None
Hook Description	Hook is placed in icpks_calc.PR_POP_GC(), for maintaining separate Ratecode for Tax.

Description	<p>Hook is placed in icpks_calc.PR_POP_GC(), for maintaining separate Ratecode for Tax.</p> <p>All parameters received by kernel function are passed to the cluster hook.</p> <p>Additional parameters passed to cluster hook are mentioned in field "Additional Parameters".</p> <p>The variables mentioned in "Sent to Extensible Layer" field are passed to cluster hook.</p> <p>The variables mentioned in "Received from Extensible Layer" field are reassigned to kernel.</p>
Bug No	17280679

Parameter	Description
Function	PR_POP_RATE
No of Parameters	5
Function Call Id	1
Cluster/Custom Function Name	PR_POP_RATE
Additional parameters	I_Fn_Call_ID, I_Tb_Cluster_Data
Sent to Extensible layer	I_Tb_Cluster_Data(TAXRATECODE) := N
Received from Extensible layer	None
Hook Description	Hook is placed in icpks_calc.pr_pop_rate(), for maintaining separate Ratecode for Tax.
Description	<p>Hook is placed in icpks_calc.pr_pop_rate(), for maintaining separate Ratecode for Tax.</p> <p>All parameters received by kernel function are passed to the cluster hook.</p> <p>Additional parameters passed to cluster hook are mentioned in field "Additional Parameters".</p> <p>The variables mentioned in "Sent to Extensible Layer" field are passed to cluster hook.</p> <p>The variables mentioned in "Received from Extensible Layer" field are reassigned to kernel.</p>
Bug No	17280679

Parameter	Description
Function	PR_POP_RATE
No of Parameters	5
Function Call Id	2
Cluster/Custom Function Name	PR_POP_RATE
Additional parameters	I_Fn_Call_ID, I_Tb_Cluster_Data

Sent to Extensible layer	<pre> I_Tb_Cluster_Data(x.prod) := x.prod, I_Tb_Cluster_Data(x.cond_type) := x.cond_type, I_Tb_Cluster_Data(x.cond_key) := x.cond_key, I_Tb_Cluster_Data(x.ude_id) := x.ude_id, I_Tb_Cluster_Data(x.ude_eff_dt) := to_char(x.ude_eff_dt,DD-MON-RRRR), I_Tb_Cluster_Data(x.amt) := x.amt, I_Tb_Cluster_Data(x.rate) := x.rate, I_Tb_Cluster_Data(x.rate_code) := x.rate_code, I_Tb_Cluster_Data(x.rate_ccy) := x.rate_ccy, I_Tb_Cluster_Data(x.ude_dt) := to_char(x.ude_dt,DD-MON-RRRR), I_Tb_Cluster_Data(x.rate_dt) := to_char(x.rate_dt,DD-MON-RRRR) </pre>
Received from Extensible layer	None
Hook Description	<p>Hook is placed in icpks_calc.pr_pop_rate() , to support IC product UDE Min/Max maintenance at CO level, so multiple countries sharing the same IC product can maintain UDE rates limits as per the country need without maintaining different IC products.</p>
Description	<p>Hook is placed in icpks_calc.pr_pop_rate() , to support IC product UDE Min/Max maintenance at CO level, so multiple countries sharing the same IC product can maintain UDE rates limits as per the country need without maintaining different IC products.</p> <p>All parameters received by kernel function are passed to the cluster hook.</p> <p>Additional parameters passed to cluster hook are mentioned in field "Additional Parameters".</p> <p>The variables mentioned in "Sent to Extensible Layer" field are passed to cluster hook.</p> <p>The variables mentioned in "Received from Extensible Layer" field are reassigned to kernel.</p>
Bug No	19139867

Parameter	Description
Function	PR_POP_RATE
No of Parameters	5
Function Call Id	3
Cluster/Custom Function Name	PR_POP_RATE
Additional parameters	I_Fn_Call_ID, I_Tb_Cluster_Data

Sent to Extensible layer	<pre> I_Tb_Cluster_Data(x.prod) := x.prod, I_Tb_Cluster_Data(x.cond_type) := x.cond_type, I_Tb_Cluster_Data(x.cond_key) := x.cond_key, I_Tb_Cluster_Data(x.ude_id) := x.ude_id, I_Tb_Cluster_Data(x.ude_eff_dt) := to_char(x.ude_eff_dt,DD-MON-RRRR), I_Tb_Cluster_Data(x.amt) := x.amt, I_Tb_Cluster_Data(x.rate) := x.rate, I_Tb_Cluster_Data(x.rate_code) := x.rate_code, I_Tb_Cluster_Data(x.rate_ccy) := x.rate_ccy, I_Tb_Cluster_Data(x.ude_dt) := to_char(x.ude_dt,DD-MON-RRRR), I_Tb_Cluster_Data(x.rate_dt) := to_char(x.rate_dt,DD-MON-RRRR) </pre>
Received from Extensible layer	None
Hook Description	Hook is placed in icpks_calc.pr_pop_rate() ,to support IC product UDE Min/Max maintenance at CO level, so multiple countries sharing the same IC product can maintain UDE rates limits as per the country need without maintaining different IC products.
Description	<p>Hook is placed in icpks_calc.pr_pop_rate() ,to support IC product UDE Min/Max maintenance at CO level, so multiple countries sharing the same IC product can maintain UDE rates limits as per the country need without maintaining different IC products.</p> <p>All parameters received by kernel function are passed to the cluster hook.</p> <p>Additional parameters passed to cluster hook are mentioned in field "Additional Parameters".</p> <p>The variables mentioned in "Sent to Extensible Layer" field are passed to cluster hook.</p> <p>The variables mentioned in "Received from Extensible Layer" field are reassigned to kernel.</p>
Bug No	19139867

Parameter	Description
Function	PR_POP_RATE
No of Parameters	5
Function Call Id	4
Cluster/Custom Function Name	PR_POP_RATE
Additional parameters	l_fn_call_id, l_tb_cluster_data
Sent to Extensible layer	None
Received from Extensible layer	None
Hook Description	Hook is placed in icpks_calc.pr_pop_rate(), to support the rate change during the life cycle of the TD for rate chart allowed TDs.

Description	Hook is placed in icpks_calc.pr_pop_rate(), to support the rate change during the life cycle of the TD for rate chart allowed TDs. All parameters received by kernel function are passed to the cluster hook. Additional parameters passed to cluster hook are mentioned in field "Additional Parameters". The variables mentioned in "Sent to Extensible Layer" field are passed to cluster hook. The variables mentioned in "Received from Extensible Layer" field are reassigned to kernel.
Bug No	19625445
<b>Parameter</b>	<b>Description</b>
Function	PR_POP_SC
No of Parameters	5
Function Call Id	1
Cluster/Custom Function Name	PR_POP_SC
Additional parameters	I_Fn_Call_ID, I_Tb_Cluster_Data
Sent to Extensible layer	None
Received from Extensible layer	None
Hook Description	Hook is placed in icpks_calc.PR_POP_SC(), so that the system should not apply the rate code value for the previous liq period.
Description	Hook is placed in icpks_calc.PR_POP_SC(), so that the system should not apply the rate code value for the previous liq period. All parameters received by kernel function are passed to the cluster hook. Additional parameters passed to cluster hook are mentioned in field "Additional Parameters". The variables mentioned in "Sent to Extensible Layer" field are passed to cluster hook. The variables mentioned in "Received from Extensible Layer" field are reassigned to kernel.
Bug No	20021699

<b>Parameter</b>	<b>Description</b>
Function	PR_POP_SC
No of Parameters	5
Function Call Id	7
Cluster/Custom Function Name	PR_POP_SC
Additional parameters	x.ude_id, I_Fn_Call_ID, I_Tb_Cluster_Data
Sent to Extensible layer	None
Received from Extensible layer	None
Hook Description	Hook is placed in icpks_calc.PR_POP_SC(), for maintaining separate Ratecode for Tax.

Description	<p>Hook is placed in icpks_calc.PR_POP_SC(), for maintaining separate Ratecode for Tax.</p> <p>All parameters received by kernel function are passed to the cluster hook.</p> <p>Additional parameters passed to cluster hook are mentioned in field "Additional Parameters".</p> <p>The variables mentioned in "Sent to Extensible Layer" field are passed to cluster hook.</p> <p>The variables mentioned in "Received from Extensible Layer" field are reassigned to kernel.</p>
Bug No	17280679