



Core System Replacement Project

Batch Interface Requirements Document

Agent bank Payment Collection & Form A Submission
(version 5.4b)
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Third Party Integration Interface Requirements

Agent Bank Payment Collection & Form A Submission

Version 5.4b



Document Information

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Document Version History

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3.2	Sept 1 st , 2006	Alvin	Remove S/ n 7 & 8 in detail format	Page 11
3.3	Dec 21 st 2006	Alvin	Change of Cheque type code table	Page 12
3.4	Jan 29 th 2007	Alvin	Add over the counter at diagram 3.1	Page 14
3.5	July 30 th 2007	Alvin	Mandatory for Over the counter and Internet banking to submit Form A.	Page 9
3.6	Jan 3 rd 2008	Alvin	Add mandatory/optional in file specification format	Page 4-12
3.7	Jan 22 nd 2008	Jamaliah	Add EFT – Electronic Fund Transfer channel	Page 21
3.8	April 7 th 2008	Shakirul Hayati	Update bank name & add new bank code	Page 19 - 20
3.9	May 6 th 2008	Asha	Add changes for mailbox collection	Page 5,9,10,22
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3.11	Sept 24 th 2008	Shakirul	Add changes for EFT exception data and report	Page 5,12,13,27
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5.3a	Mei 17 th 2010	Siti Zuraini	CDM – file format extraction	Page 81
5.3b	Jun 3 rd 2010	Safura	OBC – report 2 should start at new page	Page 34
5.3c	Jun 9 th 2010	Safura	OBC – change the END OF REPORT (using capital letters)	Page 32
5.4	Jan 31 th 2011	Nik Noreta	EFT – exception data and report	Page 9,14,15,16,24,28



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5.4a	Dec 16 th 2014	Shakirul	Cancel EFT-exception data Cancel payment channel MBC FPX – new channel from MBB	Page 8, 9, 14, 15,16, 24, 28, 45, 46, 47
5.4b	Oct 25 th 2018	Soo Mei	Terminology change <ul style="list-style-type: none"> • Late charges-Late Payment Charge • Interest-Late Payment Charge • Penalty-Late Payment charge • 1M-i-SARAAN / i-SURI 	Page 6-Item 1 Page 6-Item 3 Page 17-Item 20 Page 17-Item 22 Page 24-Item 5.1.a.iv.2 Page 24-Item 5.1.a.iv.4 Page 24-Item 5.1.a.iv.7 Page 28-Item 6.4.5 Page 28-Item 6.4.6



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1.0 Interface Overview Description

The objective of this integration is to enable employers to perform EPF payments and Form A submission thru bank. Before an employer is eligible to submit Form A electronically, a series of test is carried out by EPF on the Form A test data. If the testing result satisfies EPF guidelines and procedures, the employer will be enrolled as eligible to submit Form A electronically. Notices will be sent to inform employer(s) on the result of the testing and corrective action if there is any. An outgoing interface file will be generated to inform bank the testing results.

Beside Form A payment, the following are the new payment type that bank should provide:

1. Self-Contribution (Self Employed or i-Saraan / i-Suri).
2. Form F payment. Arrears of Form A. Employers must state the Form F reference number.
3. Late Payment Charge. Late Payment Charge being imposed by employers for making late contribution for employee.
4. Dividend. Employer compensation to employee(s) for dividend loss due to late contribution.
5. Other Charge. Fee for manual processing of Form A and submission of incomplete employee data in Form A will be grouped as other charge.

For payment type 3, 4, and 5, the employer will be informed the payment details like amount and due month by EPF via mail.

The files transmission should be via EPF Third Party Middleware – PAYMATE system.

The PAYMATE system is in place to ensure better security and control over the data and file, preventing duplicates files, loss of data, invalid data with encryption. With this system, all files transmission are automated between the PAYMATE server and PAYMATE Agent. Participating bank is required to open port and provide a dedicated PC to installed the PAYMATE agent



2.0 I/O Specification

S/N	Specification	Description
1	File naming Convention format	<p>Format :</p> <p>'File Type' + Bank Code (two digit)+ DDMMYY+HHMMSS</p> <p>Where :</p> <p>Bank Code – please refer to Bank Code as listed in item 6.1.</p> <p>DDMMYY - day/month/year</p> <p>HHMMSS - hour/minutes/seconds</p> <p>'File Type' – depending on the type of interface file as listed below:</p> <p>i) Form A Submission (Production Mode) – where file type will be:</p> <p>'FA' - data and 'FR' – Report</p> <p>The whole format will be:</p> <p>'FA' + Bank Code (two digit)+ DDMMYY+HHMMSS</p> <p>'FR' + Bank Code (two digit)+ DDMMYY+HHMMSS</p> <p>Eg: RHB send the Form A interface file at time 18:00:00 and date 04/10/2005, then Form A interface file will be named as 'FA01041005180000'. The HH and MM value should be same for FA and FR.</p> <p>ii) Form A Testing (Testing Mode)- where the file type will be:</p> <p>'TA' – Form A testing data from bank</p> <p>'TR' – This file will contain the testing result of Form A submitted by employers. With this interface file the bank will enrol employer(s) as eligible to submit Form A via internet banking</p> <p>The whole format will be:</p> <p>'TA' + Bank Code (two digit)+ DDMMYY+HHMMSS</p> <p>'TR' + Bank Code (two digit)+ DDMMYY+HHMMSS</p> <p>Eg: RHB send the Form A interface file at time 18:00:00 and date 04/10/2005, then Form A interface file will be named as 'TA01041005180000'.</p>



S/N	Specification	Description
		<p>iii) Credit Advice which contains EPF payment collected at bank's counter or internet facility)- where the file type will be: 'CP' - data and 'CR' – Report The whole format will be: 'CP' + Bank Code (two digit)+ DDMMYY+HHMMSS 'CR' + Bank Code (two digit)+ DDMMYY+HHMMSS Eg: RHB send a credit advice interface file at time 18:00:00 date 04/10/2005, the interface file will be named 'CP01041005180000'. The HH and MM value should be same for CP and CR.</p> <p>Separate Interface file according to payment channel is required. The naming convention for those files are as the following:</p> <ul style="list-style-type: none"> i) The naming convention for CP/CR files for OBC (Over the Bank Counter) should be ending with 250000 (HHMMSS). ii) The naming convention for CP/CR files for EFT (Electronic Fund Transfer) should be ending with 260000 (HHMMSS) – For RHB Only. iii) The naming convention for CP/CR files for BIB (Internet Banking) should be ending with processing time (HHMMSS). The HH and MM value should be same for both CP and CR. iv) The naming convention for CP/CR files for CDM should be ending with 270000 (HHMMSS) – For PBB Only. v) The naming convention for CP/CR files for FPX should be ending with 310000 (HHMMSS) – For MBB Only.



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		<p>For re-send files, the HHMMSS will be replaced by 999999 (for Internet Banking). The subsequent re-send files will be 888888, 777777 and so on. Therefore, these are considered valid file name.</p> <p>The re-send CP/CR files for OBC will be 259999, 258888 and so on.</p> <p>The re-send CP/CR files for EFT will be 269999, 268888 and so on.</p> <p>The re-send CP/CR files for CDM will be 279999, 278888 and so on.</p> <p>The re-send CP/CR files for FPX will be 319999, 318888 and so on.</p>

S/N	Specification	Description
		<p><u>Note for RHB:</u></p> <p>The naming convention for CP/CR files for EFT (Electronic Fund Transfer) should end with 260000 (HHMMSS) (as per existing).</p> <p>For exception report file, the naming convention is: ER + bank code (two digit) + DDMMYY+HHMMSS' (as per existing)</p>
2	Number of files:	<p>i) Bank with BIB (Internet Banking) only KWSP will expect to receive 4-5 daily files from this type of banks, which are:</p> <ul style="list-style-type: none"> - FA and FR - CP and CR - TA <p>i i) Bank with OBC, EFT, CDM and FPX, KWSP will expect to receive only 2 daily files from this type of banks, which are:</p> <ul style="list-style-type: none"> - CP and CR <p>All files should have the same date and time (HHMM) except for OBC (Over the Bank Counter), EFT, CDM (Cheque Deposit Machine) and FPX which use special series of HHMMSS.</p>
3	File format	ASCII
4	Alphanumeric Fields	Fields that in character type 'A' must be left justified with trailing blanks.



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S/N	Specification	Description
5	Numeric Fields	Fields that in character type 'N' must be right justified with leading zeroes
6	Amount field	Amount in cents must be right justified with leading zeroes without decimal must be right justified with leading zeroes without decimal point. (E.g. RM1.00 must format to 100).
7	Date format	must be YYYYMMDD without '-' or '/'
8	All field	Should be in fixed length
9	Empty file	Blank file must contain header and footer record. (valid blank file)

2.1 Output file format for FORM A submission.

2.1.1 Header Format Type 1 (for bank).

S/N	Field	Description	Field Attributes	Remark	Mandatory/Optional
1.	Record ID	To indicate header record.	A(2)	Default to '00'	Mandatory
2.	Processing date	Current processing date.	N(8)	YYYYMMDD.	Mandatory
3.	Processing time	Time the interface file created.	N(6)	HHMMSS	Mandatory
4.	Sequence number	Running sequence number. Start from 1.	N(2)	For first interface file created for day default to 1. Add 1 for next subsequent interface file.	Mandatory.
5.	Testing mode indicator.	This indicator is used by form A testing interface file.	A(1)	'Y' = Yes if the interface file is meant for testing otherwise 'N' = No.	Mandatory

2.1.2 Header Format Type 2 (for employer).

S/N	Field	Description	Field Attributes	Remark	Mandatory/Optional
1.	Record ID	To indicate header record.	A(2)	Default to '01'	Mandatory
2.	Transaction description		A(20)	Default to 'EPF MONTHLY FORM A'.	Mandatory



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S/N	Field	Description	Field Attributes	Remark	Mandatory/Optional												
3.	Employer EPF No.		N(19)	Employer EPF no with leading zeros	Mandatory												
4.	Contribution Month		N(6)	Format 'MMYYYY'	Mandatory												
5.	Submission Source		A(3)	Valid submission source :- 'IWS' = EPF Website 'ITB' = Internet Banking 'EPF' = SMSM (EPF Payroll) 'EMP' = Employer Payroll (Diskette/CD).	Mandatory												
6.	Bank's Code		N(9)	Only applicable if the submission source is Internet Banking	Mandatory												
7.	State Code		N(3)	Refer to item 6.2 for state code.	Mandatory												
8.	Contact person Name		A(40)	Contact person name if there is problem with diskette or file.	Optional												
9.	Contact phone number		A(20)	Contact number for item 7.	Optional												
10.	New or supplementary payment indicator	(a) if only one EPF payment for <u>contribution</u> month <table style="margin-left: 40px;"> <tr> <td>Payment Indicator</td> <td>Sequence Number</td> </tr> <tr> <td>N</td> <td>00</td> </tr> </table> (b) if there is <u>more than one</u> EPF payment for same <u>contribution</u> month: <table style="margin-left: 40px;"> <tr> <td>Payment Indicator</td> <td>Sequence Number</td> </tr> <tr> <td>1st Payment N</td> <td>00</td> </tr> <tr> <td>2nd Payment S</td> <td>01</td> </tr> <tr> <td>3rd Payment S</td> <td>02</td> </tr> </table>	Payment Indicator	Sequence Number	N	00	Payment Indicator	Sequence Number	1st Payment N	00	2nd Payment S	01	3rd Payment S	02	A(1)	1 st contribution payment for the month default value to 'N'. For supplementary payment move 'S'.	Mandatory
Payment Indicator	Sequence Number																
N	00																
Payment Indicator	Sequence Number																
1st Payment N	00																
2nd Payment S	01																
3rd Payment S	02																
11.	Sequence number		N(2)	Running sequence number to indicate number of contribution for the month. For 1 st contribution of the month use '00' subsequent contribution increase by 1.	Mandatory												
12.	Transaction date		N(8)	Date interface file created or transaction(s) performed by employer. Has YYYYMMDD	Mandatory												



S/N	Field	Description	Field Attributes	Remark	Mandatory/Optional
				format.	
13.	Transaction time		N(8)	Time interface file created or transaction(s) performed by employer. Has HHMMSS format.	Optional. Move zeros if not applicable.
14.	File reference number		N(16)	Used by EPF front end only to uniquely identify the interface file downloaded to host. Have YYYYMMDDHHMMSSMM format. Front end may use this as reference to inquire the status of the file processing. Move zeros if not applicable.	Optional. Move zeros if not applicable
15.	Testing mode	Has values 'Y' or 'N'.	A(1)	Indicates whether the file content is in testing mode. 'Y' = Yes if in testing mode otherwise 'N' = No.	Mandatory

2.1.3 Detail Format

S/N	Field	Description	Field Attributes	Remark	Mandatory/Optional
1.	Record ID	To indicate detail record	A(2)	Default to '02'. Mandatory.	Mandatory
2.	Member EPF No.		N(19)	Member EPF no with leading zeros (right justified). Mandatory.	Mandatory
3.	Employee's IC No		A(15)	Left justified, padded with blanks. Malaysia IC number only else moves blanks.	Optional
4.	Employee's Name line 1		A(40)	Left justified, padded with blanks. Name as in IC or other ID documents.. Mandatory. Only allow alphabetic (A-Z) and special characters (@, ', /, -, (,), .)	Mandatory



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S/N	Field	Description	Field Attributes	Remark	Mandatory/Optional
5.	Employee's Name line 2		A(40)	If employee name is longer than 40 bytes, use line 2. Continuation from line 1. Only allow alphabetic (A-Z) and special characters (@, ', /, -, (,), .)	Optional
6.	Employee's identifying initials		A(20)	Identifying keys of the employee in the employer's Payroll/Personnel System.	Optional
7.	Employer Contribution		N(15,2)	Leading zeros is applicable	Mandatory
8.	Member Contribution		N(15,2)	Leading zeros is applicable	Mandatory
9.	Member Wages		N(15,2)	Leading zeros is applicable.	Optional. Move zeros if not applicable

2.1.4 Footer Format

S/N	Field	Description	Field Attributes	Remark	Mandatory/Optional
1.	Record ID		A(2)	Default to '99'	Mandatory
2.	Total Number of Member	Total record type '02'	N(7)	Leading zeros is applicable	Mandatory
3.	Total Employer Contribution		N(15,2)	Leading zeros is applicable	Mandatory
4.	Total Member Contribution		N(15,2)	Leading zeros is applicable	Mandatory
5.	Hash Total		N(21)	Sum of all member EPF number	Mandatory

2.2 Payment Collection (Credit Advice) – Bank to EPF

2.2.1 Header Format

S/N	Field	Description	Field Attributes	Remark	Mandatory/Optional
1.	Record id	To indicate header record type	A(2)	Default to '00'	Mandatory
2.	Bank code		N(9)	Refer to code table item 6.1.	Mandatory
3.	State code		N(3)	Refer to code table item 6.2.	Mandatory
4.	Transaction date		N(8)	Have YYYYMMDD format.	Mandatory



5.	Transaction time		N(6)	Have HHMMSS format.	Mandatory
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2.2.2 Payment collected at Bank

S/N	Field	Description	Field Attributes	Remark	Mandatory/Optional
1.	Record id	To indicate detail record type. For payment collected during the day.	A(2)	'01' = Detail - Mandatory.	Mandatory
2.	Bank code		N(9)	Refer to code table item 6.1. Mandatory.	Mandatory
3.	State code		N(3)	Refer to code table item 6.2. Mandatory. Transaction source state code.	Mandatory. Transaction source state code.
4.	Bank branch code.	Bank branch code where the payment is made by the employer.	N(5)	Leading zeros applicable. Mandatory. Transaction source branch code.	Mandatory. Transaction source branch code.
5.	Employer/Member EPF no		N(19)	<p>Leading zeros applicable. Mandatory.</p> <p>Note: For FPX channel (e-Caruman), this data need to be extracted from Seller Order No.</p> <p><u>The Seller Order No format:</u></p> <p>EPF due Month (MMYYYY)+ Employer EPF No (10 numeric -leading 0)+ Caruman indicator (C1) + Running Number (8 Numeric)</p> <p>E.g : 1220150018225931C10000001</p>	Mandatory
6.	Cheque MICR code		N(9)	MICR code. Mandatory if payment mode is cheque.	Mandatory if payment mode is cheque.
7.	Cheque number		N(7)	Leading zeros is applicable. Mandatory if payment mode is cheque.	Mandatory if payment mode is cheque.
8.	Cheque type		A(2)	Refer to item 6.6. for cheque type code.	Mandatory if payment



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S/N	Field	Description	Field Attributes	Remark	Mandatory/Optional
				Mandatory if payment mode is cheque.	mode is cheque.
9.	Cheque /payment amount		N(15,2)	Leading zeros is applicable. Mandatory.	Mandatory
10.	Projected Cheque Clearing Date		N(8)	YYYYMMDD. CDM which is applicable for PBB only – the value should contain payment receive date (cheque desposited date). FPX which is applicable for MBB only – the value should contain payment receive date	Mandatory if payment mode is cheque or payment channel is CDM or FPX
11.	Contribution month MMYYYY		N(6)	Leading zeros is applicable. Mandatory. Note: For FPX channel (e-Caruman), this data need to be extracted from Seller Order No. The Seller Order No format: EPF due Month (MMYYYY)+ Employer EPF No (10 numeric -leading 0)+ Caruman indicator (C1) + Running Number (8 Numeric) E.g : 1220150018225931C10000001	Mandatory
12.	Date of transaction		N(8)	For counter and internet transaction - Date the transaction is performed. Has YYYYMMDD format. Mandatory.	Mandatory
13.	Payment mode		A(1)	C for channel OBC Q for channel OBC and CDM F for channel BIB, EFT and FPX Refer to code table item 6.3 for code values. Mandatory.	Mandatory
14.	Payment code		A(1)	Refer to item 6.4 for details. Mandatory. If payment channel = EFT accept all payment code except payment code 'S'.	Mandatory.



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S/N	Field	Description	Field Attributes	Remark	Mandatory/Optional
				If payment channel CDM, online banking (OLP) and FPX, payment code is A only	
15.	Payment channel at bank		A3)	Refer to item 6.5 for details. Mandatory.	Mandatory
16.	Member IC number		A(15)	Left justified, Mandatory for 'Self contribution payment. For Malaysian IC number only.	Optional
17.	Member/Employer Name line 1.		A(40)	The member name will be as in IC or other ID documents. Mandatory. Only allow alphabetic (A-Z) and special characters (@, ', /, -, (,), .)	Mandatory
18.	Member /Employer Name line 2		A(40)	Continuation from field 17. Only allow alphabetic (A-Z) and special characters (@, ', /, -, (,), .)	Optional
19.	Transaction reference no.		A(20)	Unique reference number to identify the payment transaction. For RHB use only : Mandatory for payment channel 'EFT'. a. Transaction from Accountant General(AG) – 20 digits. Format : DDMMYY + EFT No (14 digits) Eg. EFT No from 'Accountant General(AG)' = 12345678901234 EFT No Format = 020111 + 12345678901234 EFT No =02011112345678901234 b. Transaction from 'Bendahari negeri' – 20 digits. Format : EFT No (7 digits) Eg . EFT No from 'Bendahari negeri' = P0285337	Optional for other channel except channel 'EFT'.



20	Late Payment Charge sequence number		N(5,0)	Applicable for Late Payment Charge, dividend loss and other charges payment and hard default the value to zeros.	Mandatory for specific late payment charge, other charge and dividend loss payment.
21	Form F reference no.		N(19,0)	Leading zeros is applicable. Mandatory if payment code is form F. Mandatory for Form F payment.	Mandatory for Form F payment.
22	Form A	Indicator to indicate whether the payment is accompanied with form A submission	A(1)	'Y' = Yes, 'N' = No, 'M' = i-Saraan / i-Suri For internet banking and EFT, default to 'Y'. For online banking (OLP) and FPX default to 'N'. For i-Saraan / i-Suri contribution default to 'M'.	Mandatory
23	EPF collection account number maintained at bank.		N(19,0)	Mandatory	Mandatory

2.2.3 Cheque Clearing Status Record Format

The following record will contain dishonoured cheque(s) information as follow up to the previous cheque information sent earlier.

S/N	Field	Description	Field Attributes	Remark	Mandatory/Optional
1.	Record id	To indicate detail record type 02 which contain dishonoured cheque information.	A(2)	'02'	Mandatory
2.	Bank code		N(9)	Refer to code table item 6.1. Mandatory.	Mandatory
3.	State code		N(3)	Refer to code table item 6.2. Mandatory.	Mandatory
4.	Bank branch code.	Bank branch code where the payment is made by the employer.	N(5)	Leading zeros applicable. Mandatory.	Mandatory
5.	Employer/Member EPF no		N(19)	Leading zeros applicable. Mandatory.	Mandatory
6.	Cheque bank code		N(9)	Cheque MICR code. Mandatory.	Mandatory
7.	Cheque number		N(7)	Leading zeros is applicable. Mandatory.	Mandatory



S/N	Field	Description	Field Attributes	Remark	Mandatory/Optional
8.	Cheque type		A(2)	Refer to item 6.6. Mandatory.	Mandatory
9.	Cheque amount		N(15,2)	Leading zeros is applicable. Mandatory.	Mandatory
10.	Member IC number		A(15)	Left justified, mandatory for 'Self contribution payment'	Optional
11.	Member/Employer Name line 1		A(40)	For member, the name will be as in IC or other ID documents. Mandatory.	Mandatory
12.	Member/Employer Name line 2		A(40)		Optional
13.	Transaction reference no.		A(20)	Unique reference number to identify the payment transaction. Mandatory.	Optional
14.	Reject reason		A(20)	Mandatory.	Mandatory
15.	EPF collection account number maintained at bank.		N(19,0)	Mandatory if payment mode is in cheque else move zeros.	Mandatory

2.2.4 Footer Format

S/N	Field	Description	Field Attributes	Remark	Mandatory/Optional
1.	Record ID	To indicate trailer record	A(2)	'99' = Trailer	Mandatory
2.	Bank code		N(9)	Refer to code table item 6.1.	Mandatory
3.	State code		N(3)	Refer to code table item 6.2.	Mandatory. Default to 14.
4.	Total Number of Payments	Total record type '01' and '02'	N(7)	Leading zeros is applicable	Mandatory
5.	Total Payment Amount		N(15,2)	Leading zeros is applicable	Mandatory
6.	Hash Total		N(21)	Sum of all employer/member EPF number	Mandatory



2.3 Form A Test Result Reply File Format

2.3.1 Header Format

S/N	Field	Description	Field Attributes	Remark
1.	Record id	To indicate header record type	A(2)	Default to '00'
2.	Bank code		N(9)	Refer to code table item 6.1.
3.	State code		N(3)	Refer to code table item 6.2.
4.	Transaction date		N(8)	Have YYYYMMDD format.
5.				

2.3.2 Detail Format

S/N	Field	Description	Field Attributes	Remark
1.	Record id	To indicate detail record type	A(2)	Default to '01'
2.	Employer's number		N(19)	
3.	Employer's Name line 1		A(40)	
4.	Employer's Name line 2		A(40)	
5.	Starting month contribution		N(6)	Starting contribution month.
6.	Status		A(1)	'Y' = testing result is good and employer is given approval to submit via bank. 'N' = No approval is given.

2.3.3 Footer Format

S/N	Field	Description	Field Attributes	Remark
1.	Record ID	To indicate trailer record	A(2)	'99' = Trailer
2.	Total Number of Payments	Total record type '01'	N(7)	Leading zeros is applicable
3.	Hash Total		N(21)	Sum of all employer EPF number



2.4 Interface files Inventory List.

The following table lists the incoming and outgoing interface from and to EPF.

S/N	Interface file name	Sender	Receiver
1.	Credit Advice (Contains collected EPF payment information). File name as discussed in item 2.0.a.ii.	Bank	EPF
2.	Form A testing and production interface file. File name as discussed in item 2.0.a.i.	Bank	EPF
3.	Form A testing result – Approval. File name as discussed in item 2.0.a.iii.	EPF	Bank.

There are reports which send by Bank to EPF for control and reconciliation purpose. The reports are in text file format (soft copy). Refer to item 10.0. for report format and field description. The following is the report file name and descriptions.

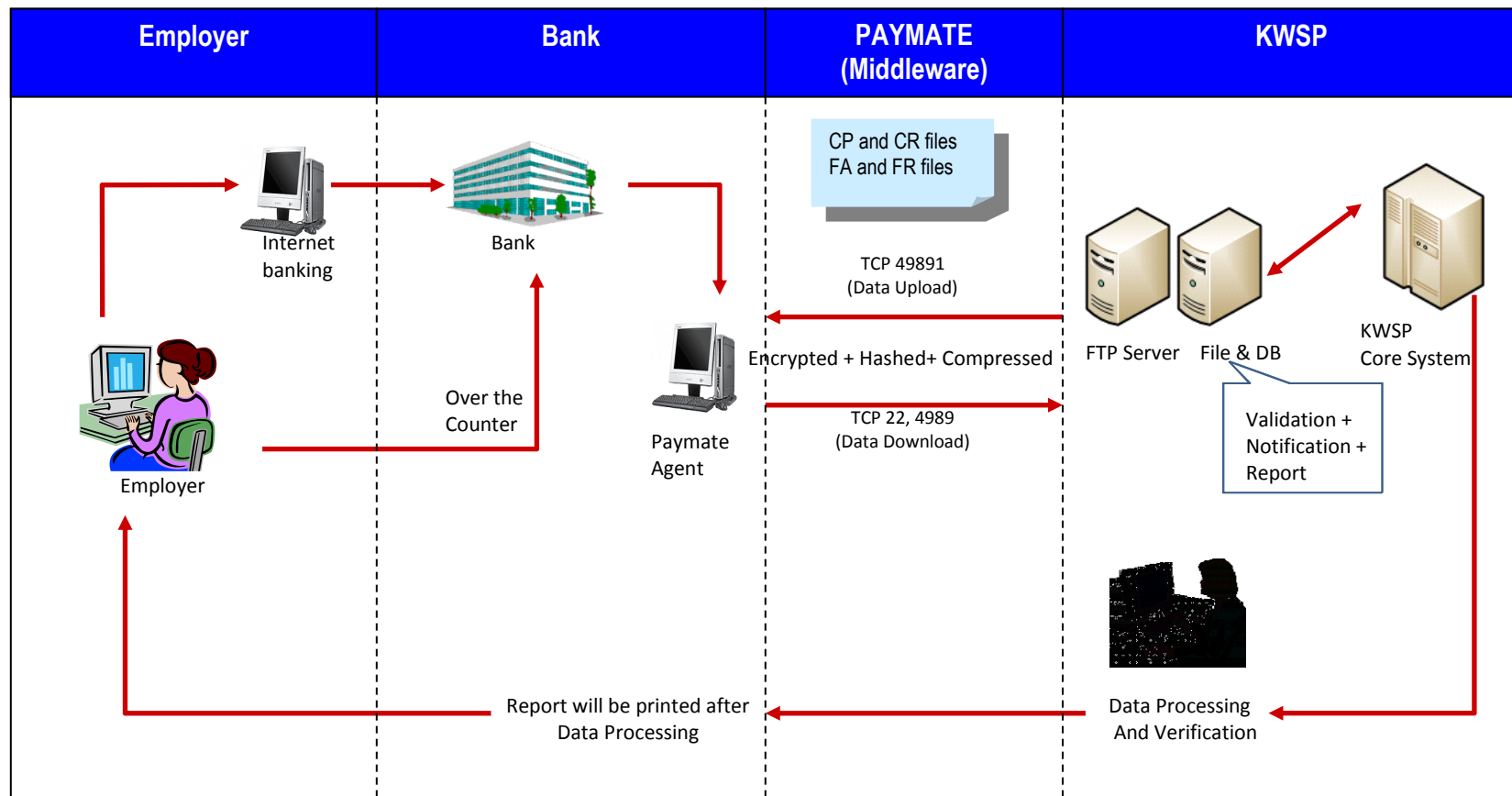
S/N	Report file name	Description	Sender	Receiver
1.	'CR' + bank code + DDMMYY+HHMMSS. For e.g if Maybank send the report to EPF at time 18:00:00 and date 04/10/2005 the report file name will be CR02041005180000.	EPF payment collected at bank control summary. Use by JTM for reconciliation against payment interface file before loading into production database system.	Bank	EPF
2.	'FR' + bank code + DDMMYY + HHMMSS. For e.g if Maybank send the report to EPF at time 18:00:00 and date 04/10/2005 the report file name will be FR02041005180000	Employer Form A submission via bank control summary. Use by JTM for reconciliation purpose against Form A interface file before loading the interface file to production system.	Bank	EPF



3.0 Overview Diagram

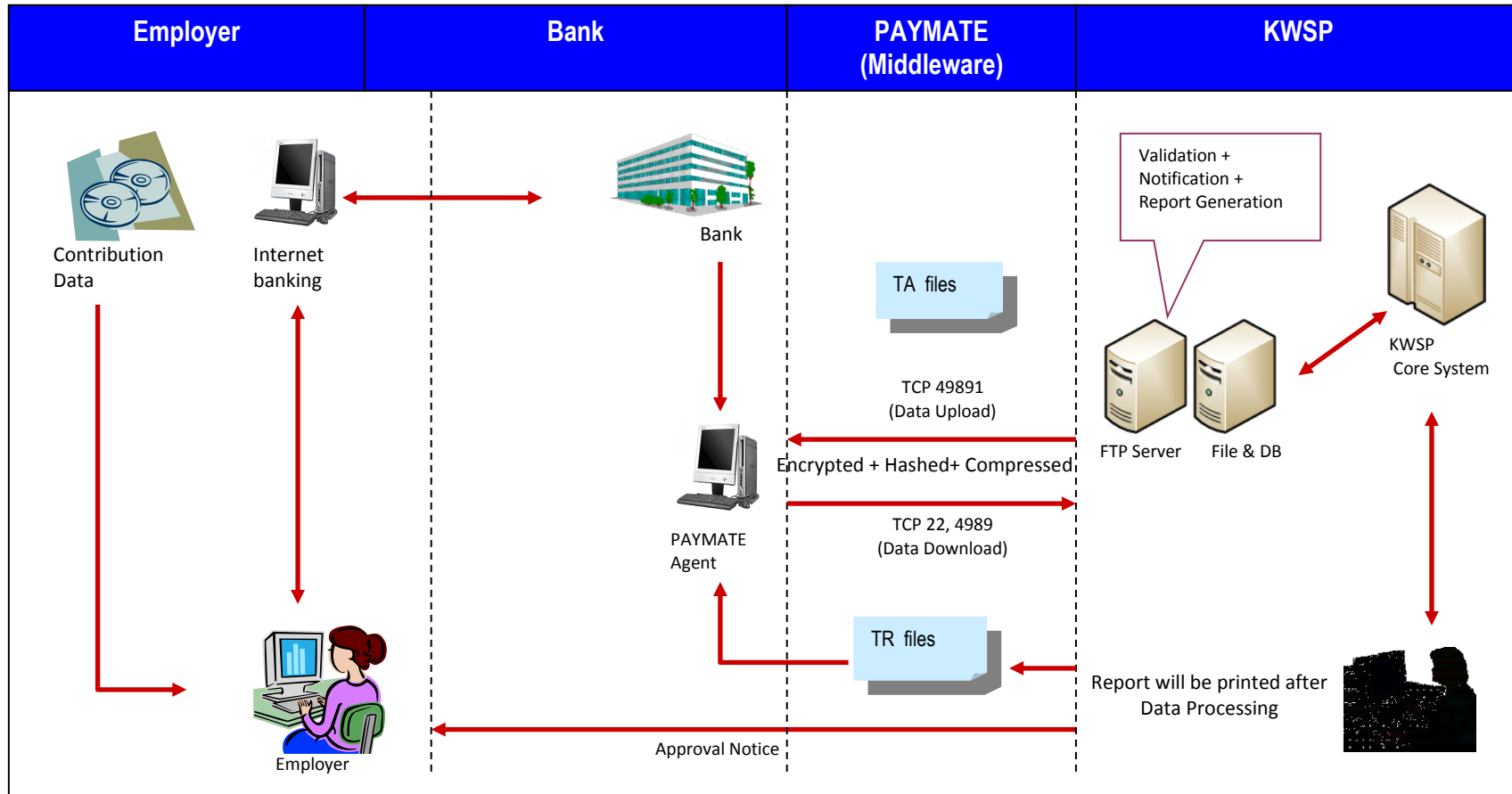
3.1 Credit advice and Form a submission

Overview diagram that depicts the information flow between employer, bank and EPF.





3.2 Form A Testing.





4.0 File Transfer Protocol

- a. From Bank to EPF.
The interface file and report file are transferred from bank to EPF via EPF Third Party Middleware – PAYMATE system . Participating Bank are required to:
 - i) Open Port 49891 to enable data upload.
 - ii) Provide PC to installed the PAYMATE agent that transmit the files from/to EPF PAYMATE Server. All file transmission are automated between the PAYMATE server and PAYMATE Agent Please refer to Appendix 13.1.

- b. From Bank PC (at EPF) to ISERIES.
The incoming interface file will be loaded into ISERIES via FTP. This can be done automatically at SiPFS Core System by retrieving the interface file from the PC folder. The system shall monitor the PC folder at predefined time for any new interface file

4.1 Frequency

The following is the interface file and report file download frequency
If paymate system has not received any file except FPX file by 11.00 am , system will send an e-mail notification to the respective user.

S/N	Interface file name	Frequency	Expected time to reach receiver.
1.	Credit Advice (Contains collected EPF payment information). File name as discussed in item 2.0.a.ii.	Once a day. Everyday including public holidays.	2:00 pm for FPX and 11:00 am for others
2.	Form A testing and production interface file. File name as discussed in item 2.0.a.i.	Once a day. Everyday including public holidays.	11:00 am.
3.	Form A testing result – Approval. File name as discussed in item 2.0.a.iii.	Once a day. Everyday including public holidays.	11:00 am.
4.	EPF payment collected at bank control summary.	Once a day. Everyday including public holidays.	11:00 am.
5.	Employer's Form A submission via bank control summary.	Once a day. Everyday including public holidays.	11:00 am.



5.0 Processing Rule

5.1 Selection Criteria (for batch extraction)

Bank shall follow the following selection criteria.

- a. EPF Payment Collected at Bank.
 - i. Select all EPF payment collected at bank counter and internet facility and output into interface file. This includes cheque, FPX (for MBB only), EFT (for RHB only), CDM (for PBB only) or cash payment.
 - ii. Cheque clearing status. If the cheque is dishonoured the information shall be forwarded to EPF for payment status update.
 - iii. The EPF payment details must be tallied with the Form A data in terms of amount and employer number.
 - iv. The payment types to be collected at bank are as follows:
 1. Form A Contribution. Must be accompanied by Form A details.
 2. Self-Contribution. (Self Employed or i-Saraan / i-Suri). For self-contribution payment the EPF doesn't required Form A.
 3. Form F payment.
 4. Late Payment Charge. Late Payment Charge being imposed by employers for making late contribution for employee.
 5. Dividend Loss. Employer compensation to employee(s) for dividend loss due to late contribution.
 6. Other Charge. Fee for manual processing of Form A and submission of incomplete employee data in Form A will be grouped as other charge.
 7. i-Saraan / i-Suri contribution.
- b. Employer's Form A submission.
 - i. The employer must be given approval by EPF before submitting the Form A via internet banking.
 - ii. The Form A data must be tallied with payment details in terms of amount and employer number.



5.2 File Processing Rule

The following is the processing rule that EPF will perform on the incoming file.

EPF payment collected at bank.

- i. Header record:
 1. The bank code and state code must be valid.
 2. Transaction date must be current date.
- ii. Detail record:
 1. The bank code, state code, payment mode and code must be valid as in item 6.0.
 2. The employer/member number must be valid.
- iii. Trailer record:
 1. Total number of payments and amount must match with record type '01' and '02'.
 2. The hash total is equal to total member EPF number.
 3. Based on the EPF payment collected at bank control summary report, the system will check the total number payment and amount against the values in the interface file trailer record.

The header and trailer record is repeated by bank code and state code. The interface file detail portion will be grouped by bank code and state code.

- b. Form A submission.
 - i. Header record type 1.
 1. The processing date must be current processing date.
 2. The running sequence number must be unique. The system will logged the file header record type 1 details – processing date and sequence number, for tracking purpose. The system will not process the file if there is duplicate entry.
 3. The testing mode indicator is used to determine whether the interface file content is meant for posting or testing.
 4. This is control record format for interface file. Each interface file will have one header record format type 1.



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- ii. Header record type 2.
 - 1. This is control record format for employer. Each employer will have one header record type 2.
 - 2. Employer must indicate whether Form A contribution is new or supplementary follow by contribution sequence number.
 - 3. The transaction date must be equal to transaction date in payment file (credit advice).
- iii. Detail record.
 - 1. The validation of the detail record will be done at Contribution Module.
- iv. Trailer record.
 - 1. Each employer will have one trailer record.
 - 2. The payment amount fields must be matched with payment file (Credit advice.)
 - 3. The total fields must be equal to total of detail record fields.

The system will ensure that the interface file will not be processed twice. This can be done by verifying the file name. The interface file name must have prefix which is equal to current date. Processed file will be tracked and logged into the system.

5.3 Formula

Hash total = total member/Employer EPF number.

5.4 Reconciliation Method

The following are the reconciliation procedure:

- i. Payment Collection.
 - The trailer total will be checked against EPF Payment Collected at Bank Control Summary Report ('CR' + bank code + DDMMYY+HHMMSS).
- ii. Form A submission.
 - a. The trailer total for each employer will be checked against Form A Submission Control Report 'FR' + bank code + DDMMYY + HHMMSS.
 - b. The trailer total will checked against credit advice interface file detail for corresponding employer payment.



6.0 Code Table

6.1 Bank Code Table

S/N	Bank codes	Bank name
1.	01	RHB BANK BERHAD
2.	02	MAYBANK BERHAD
3.	03	CIMB BANK
4.	04	PUBLIC BANK
5.	05	HONG LEONG BANK
6.	07	AFFIN BANK
7.	08	EON BANK BERHAD
8.	09	AMBANK BERHAD
9.	10	ALLIANCE BANK BERHAD
10.	11	SOUTHERN BANK
11.	12	UTAMA BANK
12.	13	BANK MUAMALAT
13.	14	BANK ISLAM MALAYSIA
14.	15	BANK SIMPANAN NASIONAL (GIRO)
15.	16	CITIBANK BERHAD
16.	17	UNITED OVERSEAS BANK (M) BERHAD
17.	18	OCBC BANK (M) BERHAD
18.	19	BANK KERJASAMA RAKYAT MALAYSIA BERHAD
19.	20	HSBC BANK (M) BERHAD
20.	21	STANDARD CHARTERED BANK (M) BERHAD
21.	22	DEUTSCHE BANK (M) BERHAD
22.	905	HONG LEONG FINANCE
23.	908	EON FINANCE
24.	909	AM FINANCE

6.2 State Code Table

S/N	Recipient system codes	Description
1.	01	Johor
2.	02	Kedah
3.	03	Kelantan
4.	04	Melaka



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S/N	Recipient system codes	Description
5.	05	Negeri Sembilan
6.	06	Pahang
7.	07	Pulau Pinang
8.	08	Perak
9.	09	Perlis
10.	10	Selangor
11.	11	Terengganu
12.	12	Sabah
13.	13	Sarawak
14.	14	Wilayah Persekutuan
15.	15	W.P Labuan
16.	16	W.P Putrajaya

6.3 Payment Mode Table

S/N	Payment mode code	Description
1.	'C'	Cash
2.	'Q'	Cheque
3.	'P'	Postal order/Money order
4.	'F'	Fund transfer

6.4 Payment Code Table

S/N	Payment codes	Description
3	'A'	Form A payment
4	'F'	Form F (Form A arrears). Amount overdue for not making prompt Form A contribution payment.
5	'S'	Self-Contribution payment (Self Employed or i-Saraan / i-Suri)
6	'L'	Late Payment Charge (Late Payment Charge imposed on employer for making late Form A contribution payment).
7	'D'	Dividend loss payment. (Compensation to employee(s) due to loss of dividend if employer(s) makes late Form A payment.)
8	'O'	Other charges payment. Charges being imposed on employers for manual Form A processing and submitting incomplete employee data (CTML) .
9	'R'	Returned Cheque

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S/N	Payment channel at Bank code	Description
1.	'OBC'	Over bank counter
2.	'BIB'	Over internet banking.
3.	'EFT'	Electronic Fund transfer. – RHB only
4.	'CDM'	Cheque Deposit Mechine – PBB only.
5.	'FPX'	Financial Process Exchange – MBB only

6.6 Cheque Type Code

S/N	Payment channel at Bank code	Description
1.	HC	House Cheque
2.	LC	Local Cheque
3.	OC	Outstation Cheque
4.	FC	Foreign Cheque
5.	MP	MO/PO
6.	BD	Bank Draft, Cashier Order, Banker's Cheque and Demand Draft.

7.0 Data Mapping Table

- Not Applicable -.

8.0 Screens

The following are the screens that will be provided for JTM for the interface file processing:

- a. Confirmation screens for payment file (credit advice) posting.
- b. Confirmation screens for Form A submission posting.



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9.0 Reports

9.1 EPF Payment Collected at Bank Control Summary Report

9.1.1 Payment Thru Internet Banking ('CR' + bank code + DDMMYY+HHMMSS)

Printed by bank. The report is segregated by payment channel code. (Internet banking only)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890														
TARIKH: 30-05-05 16:24:47										MUKASURAT 99999				
RINGKASAN KUTIPAN BAYARAN KEPADA KWSP														
NAMA BANK : XXXXXXXXXXXXXXXXXXXXXXXX														
BUTIR-BUTIR BAYARAN YANG DITERIMA UNTUK DIPROSES														
KUTIPAN BAYARAN MELALUI PERBANKAN INTERNET														
KOD	NEGERI		JUMLAH CARUMAN		JUMLAH TRANSAKSI		JENIS BAYARAN (Payment code)							
NEGERI														
99	XXXXXXXXXXXXXXXXXXXX		RM 99999999.99		9999999		X							
99	XXXXXXXXXXXXXXXXXXXX		RM 99999999.99		9999999		X							
99	XXXXXXXXXXXXXXXXXXXX		RM 99999999.99		9999999		X							
99	XXXXXXXXXXXXXXXXXXXX		RM 99999999.99		9999999		X							
99	XXXXXXXXXXXXXXXXXXXX		RM 99999999.99		9999999		X							
99	XXXXXXXXXXXXXXXXXXXX		RM 99999999.99		9999999		X							
99	XXXXXXXXXXXXXXXXXXXX		RM 99999999.99		9999999		X							
99	XXXXXXXXXXXXXXXXXXXX		RM 99999999.99		9999999		X							
99	XXXXXXXXXXXXXXXXXXXX		RM 99999999.99		9999999		X							
JUMLAH BESAR			RM 99999999.99		9999999									
** End Of Report **														
**No Record Found **														



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Definition of Report Heading:

FILE / FIELD	START ROW	START COL.	COLUMN NAME	TYPE	DESCRIPTION
Constant	1	1	TARIKH:	C	Constant text
System date	1	9	DD-MM-YY	EDT CDE	Date of report printed
System time	1	18	HH:MM:SS	EDTWRD	Time of report printed
Constant	1	91	MUKASURAT	C	Constant text
PAGNO1	1	101	99999	N(5,0)	Page number
RPTTTL1	2	1	RINGKASAN KUTIPAN BAYARAN KEPADA KWSP	C	Constant text
Constant	4	1	NAMA BANK:	C	Constant text
Variable	4	18	Bank name	A(20)	
RPTTTL2	5	1	BUTIR-BUTIR BAYARAN YANG DITERIMA UNTUK DIPROSES	C	Constant text
RPTTTL3	6	1	KUTIPAN BAYARAN MELALUI PERBANKAN INTERNET	C	Constant text
Constant	8	1	KOD	C	Constant text
Constant	8	11	NEGERI	C	Constant text
Constant	8	34	JUMLAH CARUMAN	C	Constant text
Constant	8	54	JUMLAH TRANSAKSI	C	Constant text
Constant	8	76	JENIS BAYARAN (Payment code)	C	Constant text
Constant	9	1	NEGERI	C	Constant text

Definition of Report Fields :

FILE / FIELD	START COL.	TYPE	DESCRIPTION
State Code	1	N (2,0)	Variable text – format : 99 (leading zeros)
State Description	12	A (20)	Variable text – please refer to item 6.2 State Code table
Total Contribution amount per state	34	N (11,2)	Variable text – must start with 'RM ' followed by 999999999.99 (leading zeros)
No of transaction per state	56	N(7)	Variable text format 9999999 (leading zeros)
Payment code	88	A	Variable text – indicate whether form A /F etc (eg : Form A – A)



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Definition of Report Footer :

FILE / FIELD	START COL.	COLUMN NAME	TYPE	DESCRIPTION
Constant	1	JUMLAH BESAR	C	Constant text
Overall Total contribution amount	34		N(11,2)	Sum all total contribution amount - must start with 'RM ' followed by 999999999.99 (leading zeros)
Overall Total transaction count	56		N(7)	Sum all total transaction – format 9999999 leading zeros

FIELD NAME	TYPE	DESCRIPTION
RECORD NOT FOUND	C	Message will be printed if there is no record listed.
END OF REPORT	C	Message will be printed to indicate end of report.



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REPORT1 – OBC

Definition of Report Heading (Report 1 - OBC):

FILE / FIELD	START ROW	START COL.	COLUMN NAME	TYPE	DESCRIPTION
Constant	1	3	TARIKH:	C	Constant text
System date	1	10	DD-MM-YY	EDT CDE	Date of report printed
System time	1	19	HH:MM:SS	EDTWRD	Time of report printed
Constant	1	99	MUKASURAT	C	Constant text
PAGNO1	1	109	999	N(3,0)	Page number
RPTTTL1	2	3	RINGKASAN KUTIPAN BAYARAN KEPADA KWSP	C	Constant text
Constant	3	3	NAMA BANK:	C	Constant text
Variable	3	19	Bank name	A(20)	
RPTTTL2	4	3	BUTIR-BUTIR BAYARAN YANG DITERIMA UNTUK DIPROSES	C	Constant text
RPTTTL3	5	3	(KUTIPAN BAYARAN MELALUI KAUNTER BANK)	C	Constant text
Constant	6	3	KOD	C	Constant text
Constant	6	13	NEGERI	C	Constant text
Constant	6	36	JUMLAH CARUMAN (RM)	C	Constant text
Constant	6	60	JUMLAH TRANSAKSI	C	Constant text
Constant	6	82	JENIS BAYARAN	C	Constant text
Constant	7	3	NEGERI	C	Constant text

Definition of Report 1 Fields :

FILE / FIELD	START COL.	TYPE	DESCRIPTION
State Code	3	N (3,0)	Variable text - format 999 (leading zeros)
State Description	13	A (20)	Variable text – to item 6.2 State Code table
Total Contribution amount per state	40	N (11,2)	Variable text – format : 999,999,999.99
No of transaction per state	66	N(7)	Variable text - format 9999999
Payment code	82	A(15)	Variable text



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Definition of Report 1 Footer :

FILE / FIELD	START COL.	COLUMN NAME	TYPE	DESCRIPTION
Constant	3	JUMLAH BESAR	C	Constant text
Overall Total contribution amount	40		N(11,2)	Sum all total contribution amount – format : 999,999,999.99
Overall Total contribution count	66		N(7)	Sum all total contribution count – format : 9999999

FIELD NAME	TYPE	DESCRIPTION
END OF REPORT	C	Message will be printed to indicate end of report.

REPORT 2 : Dishonoured Cheque for OBC (This report should start at NEW PAGE)

Definition of Report Heading (Report 2 – Dishonoured Cheque for OBC):

FILE / FIELD	START ROW	START COL.	COLUMN NAME	TYPE	DESCRIPTION
Constant	1	3	TARIKH:	C	Constant text
System date	1	10	DD-MM-YY	EDT CDE	Date of report printed
System time	1	19	HH:MM:SS	EDTWRD	Time of report printed
Constant	1	99	MUKASURAT	C	Constant text
PAGNO1	1	109	999	N(3,0)	Page number
RPTTTL1	2	3	RINGKASAN KUTIPAN BAYARAN KEPADA KWSP (CEK TAK LAKU)	C	Constant text
Constant	3	3	NAMA BANK:	C	Constant text
Variable	3	19	Bank name	A(20)	
RPTTTL2	4	3	BUTIR-BUTIR BAYARAN YANG DITERIMA UNTUK DIPROSES	C	Constant text
RPTTTL3	5	3	(KUTIPAN BAYARAN MELALUI KAUNTER BANK)	C	Constant text
Constant	6	3	KOD	C	Constant text
Constant	6	13	NEGERI	C	Constant text
Constant	6	36	JUMLAH CARUMAN (RM)	C	Constant text
Constant	6	60	JUMLAH TRANSAKSI	C	Constant text
Constant	6	82	JENIS BAYARAN	C	Constant text
Constant	7	3	NEGERI	C	Constant text



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Definition of Report 2 Fields :

FILE / FIELD	START COL.	TYPE	DESCRIPTION
State Code	3	N (3,0)	Variable text - format 999 (leading zeros)
State Description	13	A (20)	Variable text – to item 6.2 State Code table
Total Contribution amount per state	40	N (11,2)	Variable text – format : 999,999,999.99
No of transaction per state	66	N(7)	Variable text - format 9999999

Definition of Report 2 Footer :

FILE / FIELD	START COL.	COLUMN NAME	TYPE	DESCRIPTION
Constant	3	JUMLAH BESAR	C	Constant text
Overall Total contribution amount	40		N(11,2)	Sum all total contribution amount – format : 999,999,999.99
Overall Total contribution count	66		N(7)	Sum all total contribution count – format : 9999999

FIELD NAME	TYPE	DESCRIPTION
END OF REPORT	C	Message will be printed to indicate end of report.



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Definition of Report Heading:

FILE / FIELD	START ROW	START COL.	COLUMN NAME	TYPE	DESCRIPTION
Constant	1	2	BANK:	C	Constant text
Constant	1	12	Bank code	EDT CDE	Bank code
RPTTTL1	1	55	RHB ISLAMIC BANK BERHAD	C	Constant text
Constant	1	101	IMPEEPF3	C	Constant text
Constant	2	2	CURRENCY	C	Constant text
Currency	2	12	458	C	Constant text
Constant	2	51	RINGKASAN KUTIPAN BAYARAN KEPADA KWSP	C	Constant text
Constant	2	111	TARIKH TRAN:	C	Constant text
System date	2	125	DD/MM/YYYY	EDT CDE	Date of report printed
Branch	3	2	BRANCH	C	Constant text
Constant	3	59	AS AT	C	Constant text
System date	3	65	DD/MM/YYYY	EDT CDE	Date of processed
Constant	5	2	BUTIR-BUTIR BAYARAN YANG DITERIMA UNTUK DIPROSES	C	Constant text
Constant	6	2	(KUTIPAN BAYARAN MELALUI EFT)	C	Constant text
Constant	8	2	KOD	C	Constant text
Constant	9	2	NEGERI	C	Constant text
Constant	9	12	NEGERI	C	Constant text
Constant	9	35	JUMLAH CARUMAN (RM)	C	Constant text
Constant	9	59	JUMLAH TRANSAKSI	C	Constant text
Constant	9	82	JENIS BAYARAN	C	Constant text
Constant	10	2	----- ----- -----	A(97)	Constant text



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Definition of Report Fields :

FILE / FIELD	START COL.	TYPE	DESCRIPTION
State Code	2	N (3,0)	Variable text – format 999 (leading zeros)
State Description	12	A (20)	Variable text – please refer to item 6.2 State Code table
Total Contribution amount per state	38	N (11,2)	Variable text – format 999999999.99
No of transaction per state	68	N(7)	Variable text – format 9999999 (leading zeros)
Payment code	82	A(15)	Variable text

Definition of Report Footer :

FILE / FIELD	START COL.	COLUMN NAME	TYPE	DESCRIPTION
Constant	2	J U M L A H B E S A R	C	Constant text
Overall Total contribution amount	38		N(11,2)	Sum all total contribution amount – format 999999999.99
Overall Total transaction count	68		N(7)	Sum all total transaction – format 9999999 (leading zeros)

FIELD NAME	TYPE	DESCRIPTION
RECORD NOT FOUND	C	Message will be printed if there is no record listed.
END OF REPORT	C	Message will be printed to indicate end of report.



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9.1.4 EPF Payment Collected Thru Electronic Fund Transfer (EFT) - Exception ('ER' + bank code + DDMMYY+HHMMSS).

Printed by bank. The report is segregated by payment channel code. (EFT exception collection)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890														
TARIKH: 30-07-08 16:24:47										MUKASURAT 99999				
SENARAI KUTIPAN BAYARAN KEPADA KWSP - EXCEPTION														
NAMA BANK : XXXXXXXXXXXXXXXXXXXXXXXX (KUTIPAN BAYARAN MELALUI EFT - EXCEPTION)														
TARIKH TRANSAKSI	KUTIPAN AKAUN	AMAUN TRANSAKSI (RM)	RUJUKAN 1		RUJUKAN 2									

16/09/2008	26418800003100	999.99	10805800267517		GAJI OGOS 2008									
16/09/2008	26418800003100	999.99	11055050147734		CARUMAN 08 2008 CA									

Total Amaun (RM) :		9999999999999.99												
Total Rekod :		2												
<p style="text-align: center;">** End Of Report ** **No Record Found **</p>														



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9.1.5 EPF Payment Collected Thru Cheque Deposit Machine (CDM) ('CR' + bank code + DDMMYY+270000)

Printed by bank. The report is segregated by payment channel code. (Cheque Deposit Machine (CDM) only)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 TARIKH:30-05-05 16:24:47										MUKASURAT 99999				
RINGKASAN KUTIPAN BAYARAN KEPADA KWSP														
NAMA BANK : XXXXXXXXXXXXXXXXXXXXXXX														
BUTIR-BUTIR BAYARAN YANG DITERIMA UNTUK DIPROSES														
(KUTIPAN BAYARAN MELALUI CDM)														
KOD	NEGERI		JUMLAH CARUMAN (RM)		JUMLAH TRANSAKSI		JENIS BAYARAN							
NEGERI														
999	XXXXXXXXXXXXXXXXXXXX		999,999,999.99		9999999		FORM A PAYMENT							
999	XXXXXXXXXXXXXXXXXXXX		999,999,999.99		9999999		FORM A PAYMENT							
999	XXXXXXXXXXXXXXXXXXXX		999,999,999.99		9999999		FORM A PAYMENT							
999	XXXXXXXXXXXXXXXXXXXX		999,999,999.99		9999999		FORM A PAYMENT							
999	XXXXXXXXXXXXXXXXXXXX		999,999,999.99		9999999		FORM A PAYMENT							
999	XXXXXXXXXXXXXXXXXXXX		999,999,999.99		9999999		FORM A PAYMENT							
999	XXXXXXXXXXXXXXXXXXXX		999,999,999.99		9999999		FORM A PAYMENT							
999	XXXXXXXXXXXXXXXXXXXX		999,999,999.99		9999999		FORM A PAYMENT							
999	XXXXXXXXXXXXXXXXXXXX		999,999,999.99		9999999		FORM A PAYMENT							
JUMLAH BESAR			999,999,999.99		9999999									

** End Of Report **														
1 TARIKH:30-05-05 16:24:47										MUKASURAT 99999				
RINGKASAN KUTIPAN BAYARAN KEPADA KWSP (CEK TIDAK LAKU)														
NAMA BANK : XXXXXXXXXXXXXXXXXXXXXXX														
BUTIR-BUTIR BAYARAN YANG DITERIMA UNTUK DIPROSES														
(KUTIPAN BAYARAN MELALUI CDM)														
KOD	NEGERI		JUMLAH CARUMAN (RM)		JUMLAH TRANSAKSI									
NEGERI														
999	XXXXXXXXXXXXXXXXXXXX		999,999,999.99		9999999									
999	XXXXXXXXXXXXXXXXXXXX		999,999,999.99		9999999									
999	XXXXXXXXXXXXXXXXXXXX		999,999,999.99		9999999									
999	XXXXXXXXXXXXXXXXXXXX		999,999,999.99		9999999									
JUMLAH BESAR			999,999,999.99		9999999									

** End Of Report **														



Core System Replacement Project

Definition of Report Heading (Report 1 - CDM):

FILE / FIELD	START ROW	START COL.	COLUMN NAME	TYPE	DESCRIPTION
Constant	1	3	TARIKH:	C	Constant text
System date	1	10	DD-MM-YY	EDT CDE	Date of report printed
System time	1	19	HH:MM:SS	EDTWRD	Time of report printed
Constant	1	99	MUKASURAT	C	Constant text
PAGNO1	1	109	999	N(3,0)	Page number
RPTTTL1	2	3	RINGKASAN KUTIPAN BAYARAN KEPADA KWSP	C	Constant text
Constant	3	3	NAMA BANK:	C	Constant text
Variable	3	19	Bank name	A(20)	
RPTTTL2	4	3	BUTIR-BUTIR BAYARAN YANG DITERIMA UNTUK DIPROSES	C	Constant text
RPTTTL3	5	3	(KUTIPAN BAYARAN MELALUI CDM)	C	Constant text
Constant	6	3	KOD	C	Constant text
Constant	6	13	NEGERI	C	Constant text
Constant	6	36	JUMLAH CARUMAN (RM)	C	Constant text
Constant	6	60	JUMLAH TRANSAKSI	C	Constant text
Constant	6	82	JENIS BAYARAN	C	Constant text
Constant	7	3	NEGERI	C	Constant text

Definition of Report 1 Fields :

FILE / FIELD	START COL.	TYPE	DESCRIPTION
State Code	3	N (3,0)	Variable text - format 999 (leading zeros)
State Description	13	A (20)	Variable text – to item 6.2 State Code table
Total Contribution amount per state	40	N (11,2)	Variable text – format : 999,999,999.99
No of transaction per state	66	N(7)	Variable text - format 9999999
Payment code	82	A(15)	Variable text



Core System Replacement Project

Definition of Report 1 Footer :

FILE / FIELD	START COL.	COLUMN NAME	TYPE	DESCRIPTION
Constant	3	JUMLAH BESAR	C	Constant text
Overall Total contribution amount	40		N(11,2)	Sum all total contribution amount – format : 999,999,999.99
Overall Total contribution count	66		N(7)	Sum all total contribution count – format : 9999999

FIELD NAME	TYPE	DESCRIPTION
END OF REPORT	C	Message will be printed to indicate end of report.

Definition of Report Heading (Report 2 – Dishonoured Cheque for CDM):

FILE / FIELD	START ROW	START COL.	COLUMN NAME	TYPE	DESCRIPTION
Constant	1	3	TARIKH:	C	Constant text
System date	1	10	DD-MM-YY	EDT CDE	Date of report printed
System time	1	19	HH:MM:SS	EDTWRD	Time of report printed
Constant	1	99	MUKASURAT	C	Constant text
PAGNO1	1	109	999	N(3,0)	Page number
RPTTTL1	2	3	RINGKASAN KUTIPAN BAYARAN KEPADA KWSP (CEK TAK LAKU)	C	Constant text
Constant	3	3	NAMA BANK:	C	Constant text
Variable	3	19	Bank name	A(20)	
RPTTTL2	4	3	BUTIR-BUTIR BAYARAN YANG DITERIMA UNTUK DIPROSES	C	Constant text
RPTTTL3	5	3	(KUTIPAN BAYARAN MELALUI CDM)	C	Constant text
Constant	6	3	KOD	C	Constant text
Constant	6	13	NEGERI	C	Constant text
Constant	6	36	JUMLAH CARUMAN (RM)	C	Constant text
Constant	6	60	JUMLAH TRANSAKSI	C	Constant text
Constant	6	82	JENIS BAYARAN	C	Constant text
Constant	7	3	NEGERI	C	Constant text



Core System Replacement Project

Definition of Report 2 Fields :

FILE / FIELD	START COL.	TYPE	DESCRIPTION
State Code	3	N (3,0)	Variable text - format 999 (leading zeros)
State Description	13	A (20)	Variable text – to item 6.2 State Code table
Total Contribution amount per state	40	N (11,2)	Variable text – format : 999,999,999.99
No of transaction per state	66	N(7)	Variable text - format 9999999

Definition of Report 2 Footer :

FILE / FIELD	START COL.	COLUMN NAME	TYPE	DESCRIPTION
Constant	3	JUMLAH BESAR	C	Constant text
Overall Total contribution amount	40		N(11,2)	Sum all total contribution amount – format : 999,999,999.99
Overall Total contribution count	66		N(7)	Sum all total contribution count – format : 9999999

FIELD NAME	TYPE	DESCRIPTION
END OF REPORT	C	Message will be printed to indicate end of report.



Core System Replacement Project

Agent bank Payment Collection & Form A Submission
(version 5.4b)
Private & Confidential

9.1.6 EPF Payment Collected Thru FPX ('CR' + bank code + DDMMYY+310000)

Printed by bank. The report is segregated by payment channel code. (FPX)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890														
TARIKH: 30-05-05 16:24:47										MUKASURAT 99999				
RINGKASAN KUTIPAN BAYARAN KEPADA KWSP														
NAMA BANK : XXXXXXXXXXXXXXXXXXXXXXXX														
BUTIR-BUTIR BAYARAN YANG DITERIMA UNTUK DIPROSES														
KUTIPAN BAYARAN MELALUI FPX														
KOD	NEGERI		JUMLAH CARUMAN		JUMLAH TRANSAKSI		JENIS BAYARAN (Payment code)							
NEGERI														
99	XXXXXXXXXXXXXXXXXXXX		RM 999999999.99		9999999		X							
99	XXXXXXXXXXXXXXXXXXXX		RM 999999999.99		9999999		X							
99	XXXXXXXXXXXXXXXXXXXX		RM 999999999.99		9999999		X							
99	XXXXXXXXXXXXXXXXXXXX		RM 999999999.99		9999999		X							
99	XXXXXXXXXXXXXXXXXXXX		RM 999999999.99		9999999		X							
99	XXXXXXXXXXXXXXXXXXXX		RM 999999999.99		9999999		X							
99	XXXXXXXXXXXXXXXXXXXX		RM 999999999.99		9999999		X							
99	XXXXXXXXXXXXXXXXXXXX		RM 999999999.99		9999999		X							
99	XXXXXXXXXXXXXXXXXXXX		RM 999999999.99		9999999		X							
JUMLAH BESAR			RM 999999999.99		9999999									
** End Of Report **														
**No Record Found **														



Core System Replacement Project

Definition of Report Heading:

FILE / FIELD	START ROW	START COL.	COLUMN NAME	TYPE	DESCRIPTION
Constant	1	1	TARIKH:	C	Constant text
System date	1	9	DD-MM-YY	EDT CDE	Date of report printed
System time	1	18	HH:MM:SS	EDTWRD	Time of report printed
Constant	1	91	MUKASURAT	C	Constant text
PAGNO1	1	101	99999	N(5,0)	Page number
RPTTTL1	2	1	RINGKASAN KUTIPAN BAYARAN KEPADA KWSP	C	Constant text
Constant	4	1	NAMA BANK:	C	Constant text
Variable	4	18	Bank name	A(20)	
RPTTTL2	5	1	BUTIR-BUTIR BAYARAN YANG DITERIMA UNTUK DIPROSES	C	Constant text
RPTTTL3	6	1	KUTIPAN BAYARAN MELALUI PERBANKAN INTERNET	C	Constant text
Constant	8	1	KOD	C	Constant text
Constant	8	11	NEGERI	C	Constant text
Constant	8	34	JUMLAH CARUMAN	C	Constant text
Constant	8	54	JUMLAH TRANSAKSI	C	Constant text
Constant	8	76	JENIS BAYARAN (Payment code)	C	Constant text
Constant	9	1	NEGERI	C	Constant text

Definition of Report Fields :

FILE / FIELD	START COL.	TYPE	DESCRIPTION
State Code	1	N (2,0)	Variable text – format : 99 (leading zeros)
State Description	12	A (20)	Variable text – please refer to item 6.2 State Code table
Total Contribution amount per state	34	N (11,2)	Variable text – must start with 'RM ' followed by 999999999.99 (leading zeros)
No of transaction per state	56	N(7)	Variable text format 9999999 (leading zeros)
Payment code	88	A	Variable text – indicate whether form A /F etc (eg : Form A – A)



Core System Replacement Project

Agent bank Payment Collection & Form A Submission
 (version 5.4b)
 Private & Confidential

Definition of Report Footer :

FILE / FIELD	START COL.	COLUMN NAME	TYPE	DESCRIPTION
Constant	1	JUMLAH BESAR	C	Constant text
Overall Total contribution amount	34		N(11,2)	Sum all total contribution amount - must start with 'RM ' followed by 999999999.99 (leading zeros)
Overall Total transaction count	56		N(7)	Sum all total transaction – format 9999999 leading zeros

FIELD NAME	TYPE	DESCRIPTION
RECORD NOT FOUND	C	Message will be printed if there is no record listed.
END OF REPORT	C	Message will be printed to indicate end of report.



Core System Replacement Project

Definition of Report Heading:

FILE / FIELD	START ROW	START COL.	COLUMN NAME	TYPE	DESCRIPTION
Constant	1	1	TARIKH:	C	Constant text
System date	1	9	DD-MM-YY	EDT CDE	Date of report printed
System time	1	18	HH:MM:SS	EDTWRD	Time of report printed
Constant	1	91	MUKASURAT	C	Constant text
PAGNO1	1	105	999	N(3,0)	Page number
RPTTTL1	2	1	LAPORAN RINGKASAN BORANG A	C	Constant text
Constant	4	1	NAMA BANK:	C	Constant text
Variable	4	18	Bank name	A(20)	
RPTTTL2	5	1	BUTIR-BUTIR BORANG A YANG DITERIMA UNTUK DIPROSES	C	Constant text
Constant	7	1	BIL	C	Constant text
Constant	7	9	NOMBOR	C	Constant text
Constant	7	29	NAMA MAJIKAN	C	Constant text
Constant	7	71	BULAN	C	Constant text
Constant	7	79	BILANGAN	C	Constant text
Constant	7	90	JUMLAH	C	Constant text
Constant	8	9	MAJIKAN	C	Constant text
Constant	8	71	CARUMAN	C	Constant text
Constant	8	79	PEKERJA	C	Constant text
Constant	8	90	CARUMAN	C	Constant text

Definition of Report Fields :

FILE / FIELD	START COL.	TYPE	DESCRIPTION
Bil	1	N (7,0)	Variable text – sequence running number - leading zeros
Nombor majikan	9	N (19)	Variable numeric – leading zeros
Nama Majikan	29	A(40)	Variable text
Bulan Caruman	71	N(6)	Contribution month - format - MMYYYY
Bilangan Pekerja	79	N(6)	No of employees – format 999999 - leading zeros
Jumlah Caruman	90	N(9)	Monthly contribution – format – ‘RM ‘ followed by 999999999 (leading zeros)



Core System Replacement Project

Definition of Report Footer :

FILE / FIELD	START COL.	COLUMN NAME	TYPE	DESCRIPTION
Constant	1	JUMLAH BESAR	C	Constant text
Overall Total employees	79		N(6)	Sum all total employees – format : 999999 leading zeros
Overall Total contribution amount	90		N(14,2)	Sum all monthly contribution amount – format : 'RM ' followed by 999999999999.99 (leading zeros)

FIELD NAME	TYPE	DESCRIPTION
RECORD NOT FOUND	C	Message will be printed if there is no record listed.
END OF REPORT	C	Message will be printed to indicate end of report.



Core System Replacement Project

Agent bank Payment Collection & Form A Submission
(version 5.4b)
Private & Confidential

Report ID	INK602P
Report Title	List of collected EPF contribution from employer.
Purpose of Report	List of collected EPF contribution from employer.
Description	List of collected EPF contribution from employer.
Sort Sequence	By date in ascending order.
Page Break	Page break.
Summary Fields	N/A
Frequency	Monthly.
Media	Stock Computer paper.
Number of Copies	1
Retention	
Recipients	JTM

Definition of Report Heading:

FILE / FIELD	START ROW	START COL.	COLUMN NAME	TYPE	DESCRIPTION
Constant	2	1	DATE PRINTED:	C	Constant text
System date	2	15	DD-MM-YY	EDT CDE	Date of report printed
System time	2	24	HH:MM:SS	EDTWR D	Time of report printed
SSBNAM	4	47	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX	C	Organization name
Constant	3	40	BRANCH:	C	Constant text
JDBRN	3	47	00000	C	Constant text
Constant	3	55	INK003P	C	Constant text for Report ID
Constant	2	115	PAGE	C	Constant text
PAGNO1	2	120	66666	N	Page number
Constant	3	110	DATE	C	Constant text
DATENX	3	116	hh.mm.ss	D	The report process date
Constant	5	1	BRANCH:	C	Constant text
SAVBRN	5	10	66666	C	Constant text
JDNAME	5	14	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX	C	Organization name
RPTTTL	6	1	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX	C	Report Title
Constant	7	1	Bil	C	Constant text
Constant	7	16	Employer no	C	Constant text
Constant	7	34	Due month	C	Constant text
Constant	7	46	Contribution amt	C	Constant text
Constant	7	68	Trans date	C	Constant text



Core System Replacement Project

Agent bank Payment Collection & Form A Submission
(version 5.4b)
Private & Confidential

Definition of Report Fields:

FILE / FIELD	COLUMN NAME	TYPE	DESCRIPTION
JDBR	BRANCH_CODE	5,0N	BRANCH CODE

Definition of Report Footer :

FIELD NAME	TYPE	DESCRIPTION
RECORD NOT FOUND	C	Message will be printed if there is no record listed.
END OF REPORT	C	Message will be printed to indicate end of report.



Core System Replacement Project

Agent bank Payment Collection & Form A Submission
(version 5.4b)
Private & Confidential

Report ID	INK603P
Report Title	Details of Form A transaction
Purpose of Report	Details of Form A transaction
Description	Details of Form A transaction
Sort Sequence	By date in ascending order.
Page Break	No page break.
Summary Fields	N/A
Frequency	Monthly.
Media	Stock Computer paper.
Number of Copies	1
Retention	
Recipients	JKA

Definition of Report Heading:

FILE / FIELD	START ROW	START COL.	COLUMN NAME	TYPE	DESCRIPTION
Constant	2	1	DATE PRINTED:	C	Constant text
System date	2	15	DD-MM-YY	EDT CDE	Date of report printed
System time	2	24	HH:MM:SS	EDTWR D	Time of report printed
SSBNAM	4	47	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX	C	Organization name
Constant	3	40	BRANCH:	C	Constant text
JDBRN	3	47	00000	C	Constant text
Constant	3	55	INK004P	C	Constant text for Report ID
Constant	2	115	PAGE	C	Constant text
PAGNO1	2	120	66666	N	Page number
Constant	3	110	DATE	C	Constant text
DATENX	3	116	hh.mm.ss	D	The report process date
Constant	5	1	BRANCH:	C	Constant text
SAVBRN	5	10	66666	C	Constant text
JDNAME	5	14	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX	C	Organization name
RPTTTL	6	1	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX	C	Report Title
Constant	7	1	Batch no	C	Constant text
Constant	7	10	Transaction	C	Constant text
Constant	7	24	Employer no	C	Constant text
Constant	7	39	Due month	C	Constant text
Constant	7	51	Contribution amt	C	Constant text
Constant	7	69	State	C	Constant text



Core System Replacement Project

Agent bank Payment Collection & Form A Submission
 (version 5.4b)
 Private & Confidential

Definition of Report Fields:

FILE / FIELD	COLUMN NAME	TYPE	DESCRIPTION
JDBR	BRANCH_CODE	5,0N	BRANCH CODE

Definition of Report Footer :

FIELD NAME	TYPE	DESCRIPTION
RECORD NOT FOUND	C	Message will be printed if there is no record listed.
END OF REPORT	C	Message will be printed to indicate end of report.



Core System Replacement Project

Agent bank Payment Collection & Form A Submission
(version 5.4b)
Private & Confidential

Report ID	INK604P
Report Title	Details of Form A transaction
Purpose of Report	Details of Form A transaction
Description	Details of Form A transaction
Sort Sequence	By date in ascending order.
Page Break	No page break.
Summary Fields	N/A
Frequency	Monthly.
Media	Stock Computer paper.
Number of Copies	1
Retention	
Recipients	JKA

Definition of Report Heading:

FILE / FIELD	START ROW	START COL.	COLUMN NAME	TYPE	DESCRIPTION
Constant	2	1	DATE PRINTED:	C	Constant text
System date	2	15	DD-MM-YY	EDT CDE	Date of report printed
System time	2	24	HH:MM:SS	EDTWR D	Time of report printed
SSBNAM	4	47	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX	C	Organization name
Constant	3	40	BRANCH:	C	Constant text
JDBRN	3	47	00000	C	Constant text
Constant	3	55	INK604P	C	Constant text for Report ID
Constant	2	115	PAGE	C	Constant text
PAGNO1	2	120	66666	N	Page number
Constant	3	110	DATE	C	Constant text
DATENX	3	116	hh.mm.ss	D	The report process date
Constant	5	1	BRANCH:	C	Constant text
SAVBRN	5	10	66666	C	Constant text
JDNAME	5	14	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX	C	Organization name
RPTTTL	6	1	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX	C	Report Title
Constant	7	1	Employer number	C	Constant text
Constant	7	35	Contribution month	C	Constant text
Constant	7	59	Employer name	C	Constant text
Constant	7	87	Indicator	C	Constant text
Constant	7		Second indicator	C	Constant text
Constant	7		Bank indicator	C	Constant text
Constant	7	59	Total Employee	C	Constant text
Constant	7	87	Ttotal Form A	C	Constant text
Constant	7		Form A status	C	Constant text



Core System Replacement Project

Agent bank Payment Collection & Form A Submission
(version 5.4b)
Private & Confidential

FILE / FIELD	START ROW	START COL.	COLUMN NAME	TYPE	DESCRIPTION
Constant	7		CTML	C	Constant text

Definition of Report Fields:

FILE / FIELD	COLUMN NAME	TYPE	DESCRIPTION
JDBR	BRANCH_CODE	5,0N	BRANCH CODE

Definition of Report Footer :

FIELD NAME	TYPE	DESCRIPTION
RECORD NOT FOUND	C	Message will be printed if there is no record listed.
END OF REPORT	C	Message will be printed to indicate end of report.



9.6 UJIAN INTERNET BORANG A BULAN CARUMAN BBTT

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890														
Date printed: 30-05-05 16:24:47										Page 9999				
										Date: XXXXXXXX				
INK606P KUMPULAN WANG SIMPANAN PEKERJA UJIAN INTERNET BORANG A BULAN CARUMAN : XXXX														
MAKLUMAT YANG DISENARAIKAN DALAM LAPORAN INI DIJANA BERDASARKAN KEPADA NOMBOR KAD PENGENALAN DALAM FAIL MAJIKAN BUTIR-BUTIR DI BARIS PERTAMA DIBACA DARI FAIL MAJIKAN BUTIR-BUTIR DI BARIS KEDUA DIBACA DARI REKOD KWSP NOMBOR RUJUKAN/NAMA MAJIKAN : XXXXXXXXXXXXXXXX/XXXXXXXXXXXXXXXXXXXX														
BIL	NO GAJI	NO KWSP	NO K/P	NAMA AHLI						KESALAHAN JENIS	INITIALS			
9999999	9999999999999999	9999999999999999	XXXXXXXXXXXXXXXX	XX						X	XXX			
	9999999999999999	9999999999999999	XXXXXXXXXXXXXXXX	XX						X	XXX			
SILA RUJUK LEMBARAN 99999 UNTUK TINDAKAN PEMBETULAN YANG PERLU DIAMBIL														



Core System Replacement Project

Agent bank Payment Collection & Form A Submission
(version 5.4b)
Private & Confidential

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890

Date printed: 30-05-05 16:24:47

INK606P

Page 9999

Date: XXXXXXXX

JENIS KESALAHAN

PENERANGAN DAN TINDAKAN YANG PERLU DIAMBIL

- 1. A NOMBOR KWSP DALAM FAIL MAJIKAN BERBEZA DARI REKOD KWSP
MENGIKUT REKOD-REKOD KWSP, NOMBOR KWSP UNTUK PEKERJA BERKENAAN IALAH SEPERTI DI BARIS KEDUA. SILA KEMASKINIKAN REKOD TUAN DENGAN NOMBOR KWSP YANG DIBERI DI BARIS KEDUA.
- 2. B NOMBOR KWSP DAN/ATAU NAMA DALAM FAIL MAJIKAN BERBEZA DARI REKOD KWSP.
JIKA NAMA DI BARIS PERTAMA DAN KEDUA MERUJUK KEPADA PEKERJA YANG SAMA, SILA KEMASKINIKAN REKOD TUAN DENGAN NOMBOR KWSP DAN/ATAU NAMA YANG DI BERI DI BARIS KEDUA. SILA JUGA MAKLUMKAN KEPADA PEKERJA MENGENAI PINDAAN YANG DI BUAT. JIKA PERLU. JIKA NAMA DI BARIS PERTAMA DAN KEDUA TIDAK MERUJUK KEPADA PEKERJA YANG SAMA. SILA HUBUNGI PEJABAT KWSP YANG BERHAMPIRAN UNTUK MENDAPATKAN PENGESAHAN.
- 3. C TIADA NOMBOR KAD PENGENALAN DALAM REKOD KWSP.
MENGIKUT REKOD-REKOD KWSP SETAKAT INI, PEKERJA BERKENAAN BELUM DIDAFTERKAN SEBAGAI AHLI KWSP. JIKA TUAN BELUM URUSKAN PENDAFTARAN BELIAU, SILA MINTA BELIAU MEMENUHI BORANG PENDAFTARAN KWSP 3 YANG BOLEH DIDAPATI DARI PEJABAT KWSP YANG BERHAMPIRAN DAN KEMBALIKAN BERSAMA SALINAN KAD PENGENALAN BELIAU (YANG TELAH DISAHKAN OLEH TUAN) UNTUK TINDAKAN KWSP.
- 4. D NOMBOR KAD PENGENALAN DALAM FAIL MAJIKAN BERBEZA DARI REKOD KWSP.
JIKA MAKLUMAT DALAM REKOD TUAN BETUL, SILA MINTA PEKERJA MEMENUHI BORANG KWSP 1262A ATAU KWSP3 (JIKA PEKERJA BELUM DIDAFTERKAN SEBAGAI AHLI KWSP) YANG BOLEH DIDAPATI DARI PEJABAT KWSP YANG BERHAMPIRAN DAN KEMBALIKAN BERSAMA SALINAN KAD PENGENALAN PEKERJA (YANG TELAH DISAHKAN OLEH TUAN) UNTUK MEMBOLEHKAN REKOD KWSP DIKEMASKINIKAN. JIKA MAKLUMAT DALAM REKOD TUAN SALAH, SILA MAKLUMKAN KEPADA PEKERJA MAKLUMAT YANG TERSIMPAN DALAM REKOD KWSP (DIBARIS KEDUA) DAN DAPATKAN PENGESAHAN DARI PEJABAT KWSP YANG BERHAMPIRAN JIKA PERLU.
- 5. E TIADA NOMBOR KAD PENGENALAN DALAM FAIL MAJIKAN.
JIKA PEKERJA TIDAK MEMEGANG KAD PENGENALAN MALAYSIA ATAU BUKAN WARGANEGARA MALAYSIA. SILA MASUKKAN "000000000000" DALAM MEDAN NOMBOR KAD PENGENALAN (LAJUR 11 HINGGA 12) SILA PASTIKAN NAMA RINGKAS ("INITIALS") KEMASKINIKAN KE DALAM FAIL INTERNET.
- 6. F SILA KEMASKINI NAMA RINGKAS "INITIALS" KE DALAM FAIL INTERNET.
- 7. INITIALS SILA KEMASKINI NAMA RINGKAS "INITIALS" KE DALAM FAIL INTERNET.
- 8. * CARUMAN PEKERJA INI AKAN DIKREDITKAN KE DALAM AKAUN CARUMAN YANG TIDAK DIKENALPASTI KERANA BUTIR-BUTIR YANG TUAN BEKALKAN KURANG TEPAT ATAU TIDAK LENGKAP.

NOTA : BAGI PENGGUNA SDBA, SILA ABAIKAN KESALAHAN NOMBOR 6 DAN 7.



Core System Replacement Project

Batch Interface Requirements Document

Agent bank Payment Collection & Form A Submission
(version 5.4b)
Private & Confidential

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890

Date printed: 30-05-05 16:24:47

Page 9999

Date: XXXXXXXX

INK606P
KUMPULAN WANG SIMPANAN PEKERJA
UJIAN INTERNET BORANG A
BULAN CARUMAN : XXXX

NOMBOR MAJIKAN	NAMA MAJIKAN	JUMLAH AHLI	JUMLAH REKOD BERSIH	JUMLAH REKOD SALAH	JENIS A	JUMLAH REKOD B	REKOD C	SALAH D	JENIS E	JENIS F
9999999999999999	XX	9999999	9999999	9999999	X	9999999	9999999	9999999	9999999	9999999

.
. .
. .
. .

PERATUS REKOD YANG SALAH. 999%

SILA RUJUK LEMBARAN 99999 UNTUK TINDAKAN PEMBETULAN YANG PERLU DIAMBIL

** End Of Report **
**No Record Found

**Core System Replacement Project**Agent bank Payment Collection & Form A Submission
(version 5.4b)
Private & Confidential

Report ID	INK606P
Report Title	KWSP – Ujian Internet Borang A bagi caruman BBTT.
Purpose of Report	Inform the contribution status to respected person
Description	KWSP – Ujian Internet Borang A bagi caruman BBTT.
Sort Sequence	By date in ascending order.
Page Break	No page break.
Summary Fields	N/A
Frequency	Monthly.
Media	Stock Computer paper.
Number of Copies	1
Retention	
Recipients	Employer/Bank

Definition of Report Heading:

FILE / FIELD	START ROW	START COL.	COLUMN NAME	TYPE	DESCRIPTION
Constant	2	1	DATE PRINTED:	C	Constant text
System date	2	15	DD-MM-YY	EDT CDE	Date of report printed
System time	2	24	HH:MM:SS	EDTWR D	Time of report printed
SSBNAM	4	47	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX	C	Organization name
Constant	3	40	BRANCH:	C	Constant text
Constant	3	55	INK606P	C	Constant text for Report ID
Constant	2	115	PAGE	C	Constant text
PAGNO1	2	120	6666	N	Page number
Constant	3	110	DATE	C	Constant text
DATENX	3	116	hh.mm.ss	D	The report process date
JDNAME	5	14	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX	C	Organization name
RPTTTL	6	1	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX	C	Report Title
Constant	7	35	Bil	C	Constant text
Constant	7	59	No Gaji	C	Constant text
Constant	7	87	No KWSP	C	Constant text
Constant	7		No K/P	C	Constant text
Constant	7		No Ahli	C	Constant text
Constant	7		Kesalahan Jenis	C	Constant text
Constant	7		Initials	C	Constant text

Definition of Report Footer :

FIELD NAME	TYPE	DESCRIPTION
RECORD NOT FOUND	C	Message will be printed if there is no record listed.
END OF REPORT	C	Message will be printed to indicate end of report.



Core System Replacement Project

Agent bank Payment Collection & Form A Submission (version 5.4b) Private & Confidential

9.7 Notis Ujian Internet Borang A (Approved)

Form content including header information (Date printed: 30-05-05 16:24:47, Page 9999, Date: XXXXXXXX), recipient address (TUAN), subject (UJIAN INTERNET BORANG A), and a list of four numbered points regarding the internet bill payment trial.



Core System Replacement Project

Agent bank Payment Collection & Form A Submission
(version 5.4b)
Private & Confidential

Report ID	INK607P
Report Title	Notis - Ujian Internet Borang A (Approved)
Purpose of Report	Inform the contribution status to respected person
Description	Notis - Ujian Internet Borang A (Approved)
Sort Sequence	
Page Break	No page break.
Summary Fields	N/A
Frequency	Monthly.
Media	Stock Computer paper.
Number of Copies	1
Retention	
Recipients	Employer/Bank

Definition of Report Footer :

FIELD NAME	TYPE	DESCRIPTION
RECORD NOT FOUND	C	Message will be printed if there is no record listed.
END OF REPORT	C	Message will be printed to indicate end of report.



Core System Replacement Project

Agent bank Payment Collection & Form A Submission
(version 5.4b)
Private & Confidential

1	2	3	4	5	6	7	8	9	10
1234567890123456789012345678901234567890123456789012345678901234567890									
Date printed: 30-05-05 16:24:47									
IN K608P					Page 9999				
Date: XXXXXXXX									
LAMPIRAN 1									

UNTUK TINDAKAN MAJIKAN

a) Berdasarkan laporan-laporan UJIAN2 yang dikembalikan bersama ini pihak majikan hendaklah mengemaskinikan rekod dengan berpandukan keterangan yang dihuraikan di akhir laporan.

Sila maklum bahawa kelulusan menggunakan disket untuk mengemukakan caruman bulanan adalah juga tertakluk kepada kerjasama puan mengambil tindakan mengemaskinikan rekod-rekod pekerja. KWSP memerlukan kerjasama puan untuk mengambil tindakan pembetulan dimana berkenaan sebelum mengemukakan disket ujian uang baru.

Report ID	IN K608P
Report Title	Notis -Ujian Internet Borang A (Rejected)
Purpose of Report	Inform the contribution status to respected person
Description	Notis -Ujian Internet Borang A (Rejected)
Sort Sequence	
Page Break	No page break.
Summary Fields	N/A
Frequency	Monthly.
Media	Stock Computer paper.
Number of Copies	1
Retention	
Recipients	Employer/Bank

Definition of Report Footer :

FIELD NAME	TYPE	DESCRIPTION
RECORD NOT FOUND	C	Message will be printed if there is no record listed.
END OF REPORT	C	Message will be printed to indicate end of report.



Core System Replacement Project

Agent bank Payment Collection & Form A Submission
(version 5.4b)
Private & Confidential

Report ID	INK609P
Report Title	Payment Collection (Credit Advice) Posted
Purpose of Report	Payment Collection (Credit Advice) Posted
Description	Payment Collection (Credit Advice) Posted
Sort Sequence	By Branch state code in ascending order.
Page Break	No page break.
Summary Fields	N/A
Frequency	Monthly.
Media	Stock Computer paper.
Number of Copies	1
Retention	
Recipients	

Definition of Report Heading:

FILE / FIELD	START ROW	START COL.	COLUMN NAME	TYPE	DESCRIPTION
Constant	2	1	DATE PRINTED:	C	Constant text
System date	2	15	DD-MM-YY	EDT CDE	Date of report printed
System time	2	24	HH:MM:SS	EDTWR D	Time of report printed
SSBNAM	4	47	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX	C	Organization name
Constant	3	40	BRANCH:	C	Constant text
JDBRN	3	47	00000	C	Constant text
Constant	3	55	INK609P	C	Constant text for Report ID
Constant	2	115	PAGE	C	Constant text
PAGNO1	2	120	66666	N	Page number
Constant	3	110	DATE	C	Constant text
DATENX	3	116	hh.mm.ss	D	The report process date
Constant	5	1	BRANCH:	C	Constant text
SAVBRN	5	10	66666	C	Constant text
JDNAME	5	14	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX	C	Organization name
RPTTTL	6	1	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX	C	Report Title
Constant	7	1	Employer number	C	Constant text
Constant	7	35	Contribution month	C	Constant text
Constant	7	59	Employer name	C	Constant text
Constant	7	87	Indicator	C	Constant text
Constant	7		Second indicator	C	Constant text
Constant	7		Bank indicator	C	Constant text
Constant	7	59	Total Employee	C	Constant text

Definition of Report Fields:



Core System Replacement Project

Agent bank Payment Collection & Form A Submission
 (version 5.4b)
 Private & Confidential

FILE / FIELD	COLUMN NAME	TYPE	DESCRIPTION
JDBR	BRANCH_CODE	5,0N	BRANCH CODE

Definition of Report Footer :

FIELD NAME	TYPE	DESCRIPTION
RECORD NOT FOUND	C	Message will be printed if there is no record listed.
END OF REPORT	C	Message will be printed to indicate end of report.



Core System Replacement Project

Agent bank Payment Collection & Form A Submission
(version 5.4b)
Private & Confidential

Report ID	INK610P
Report Title	Payment Collection (Credit Advice) Rejected
Purpose of Report	Payment Collection (Credit Advice) Rejected
Description	Payment Collection (Credit Advice) Rejected
Sort Sequence	By Branch state code in ascending order.
Page Break	No page break.
Summary Fields	N/A
Frequency	Monthly.
Media	Stock Computer paper.
Number of Copies	1
Retention	
Recipients	

Definition of Report Heading:

FILE / FIELD	START ROW	START COL.	COLUMN NAME	TYPE	DESCRIPTION
Constant	2	1	DATE PRINTED:	C	Constant text
System date	2	15	DD-MM-YY	EDT CDE	Date of report printed
System time	2	24	HH:MM:SS	EDTWR D	Time of report printed
SSBNAM	4	47	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX	C	Organization name
Constant	3	40	BRANCH:	C	Constant text
JDBRN	3	47	00000	C	Constant text
Constant	3	55	INK610P	C	Constant text for Report ID
Constant	2	115	PAGE	C	Constant text
PAGNO1	2	120	66666	N	Page number
Constant	3	110	DATE	C	Constant text
DATENX	3	116	hh.mm.ss	D	The report process date
Constant	5	1	BRANCH:	C	Constant text
SAVBRN	5	10	66666	C	Constant text
JDNAME	5	14	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX	C	Organization name
RPTTTL	6	1	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX	C	Report Title
Constant	7	1	Employer number	C	Constant text
Constant	7	35	Contribution month	C	Constant text
Constant	7	59	Employer name	C	Constant text
Constant	7	87	Indicator	C	Constant text
Constant	7		Second indicator	C	Constant text
Constant	7		Bank indicator	C	Constant text

Definition of Report Fields:



Core System Replacement Project

Agent bank Payment Collection & Form A Submission
 (version 5.4b)
 Private & Confidential

FILE / FIELD	COLUMN NAME	TYPE	DESCRIPTION
JDBR	BRANCH_CODE	5,0N	BRANCH CODE

Definition of Report Footer :

FIELD NAME	TYPE	DESCRIPTION
RECORD NOT FOUND	C	Message will be printed if there is no record listed.
END OF REPORT	C	Message will be printed to indicate end of report.



Core System Replacement Project

Report ID	INK615P
Report Title	Form A processing accepted
Purpose of Report	Form A processing accepted
Description	Form A processing accepted
Sort Sequence	
Page Break	No page break.
Summary Fields	N/A
Frequency	Monthly.
Media	Stock Computer paper.
Number of Copies	1
Retention	
Recipients	

Definition of Report Heading:

FILE / FIELD	START ROW	START COL.	COLUMN NAME	TYPE	DESCRIPTION
Constant	2	1	DATE PRINTED:	C	Constant text
System date	2	15	DD-MM-YY	EDT CDE	Date of report printed
System time	2	24	HH:MM:SS	EDTWR D	Time of report printed
SSBNAM	4	47	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX	C	Organization name
Constant	3	40	BRANCH:	C	Constant text
JDBRN	3	47	00000	C	Constant text
Constant	3	55	INK615P	C	Constant text for Report ID
Constant	2	115	PAGE	C	Constant text
PAGNO1	2	120	66666	N	Page number
Constant	3	110	DATE	C	Constant text
DATENX	3	116	hh.mm.ss	D	The report process date
Constant	5	1	BRANCH:	C	Constant text
SAVBRN	5	10	66666	C	Constant text
JDNAME	5	14	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX	C	Organization name
RPTTTL	6	1	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX	C	Report Title
Constant	7	1	Employer number	C	Constant text
Constant	7	35	Employer name	C	Constant text
Constant	7	59	Contribution month	C	Constant text
Constant	7	87	Indicator	C	Constant text
Constant	7		Employee count	C	Constant text
Constant	7		Contribution amount	C	Constant text

Definition of Report Fields:

FILE / FIELD	COLUMN NAME	TYPE	DESCRIPTION
--------------	-------------	------	-------------



Core System Replacement Project

Agent bank Payment Collection & Form A Submission
 (version 5.4b)
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FILE / FIELD	COLUMN NAME	TYPE	DESCRIPTION
JDBR	BRANCH_CODE	5,0N	BRANCH CODE

Definition of Report Footer :

FIELD NAME	TYPE	DESCRIPTION
RECORD NOT FOUND	C	Message will be printed if there is no record listed.
END OF REPORT	C	Message will be printed to indicate end of report.



Core System Replacement Project

Report ID	INK616P
Report Title	Form A processing rejected
Purpose of Report	Form A processing rejected
Description	Form A processing rejected
Sort Sequence	
Page Break	No page break.
Summary Fields	N/A
Frequency	Monthly.
Media	Stock Computer paper.
Number of Copies	1
Retention	
Recipients	

Definition of Report Heading:

FILE / FIELD	START ROW	START COL.	COLUMN NAME	TYPE	DESCRIPTION
Constant	2	1	DATE PRINTED:	C	Constant text
System date	2	15	DD-MM-YY	EDT CDE	Date of report printed
System time	2	24	HH:MM:SS	EDTWR D	Time of report printed
SSBNAM	4	47	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX	C	Organization name
Constant	3	40	BRANCH:	C	Constant text
JDBRN	3	47	00000	C	Constant text
Constant	3	55	INK616P	C	Constant text for Report ID
Constant	2	115	PAGE	C	Constant text
PAGNO1	2	120	66666	N	Page number
Constant	3	110	DATE	C	Constant text
DATENX	3	116	hh.mm.ss	D	The report process date
Constant	5	1	BRANCH:	C	Constant text
SAVBRN	5	10	66666	C	Constant text
JDNAME	5	14	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX	C	Organization name
RPTTTL	6	1	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX	C	Report Title
Constant	7	1	Employer number	C	Constant text
Constant	7	35	Employer name	C	Constant text
Constant	7	59	Contribution month	C	Constant text
Constant	7	87	Indicator	C	Constant text
Constant	7		Employee count	C	Constant text
Constant	7		Contribution amount	C	Constant text
Constant	7		Error code	C	Constant text



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Definition of Report Fields:

FILE / FIELD	COLUMN NAME	TYPE	DESCRIPTION
JDBR	BRANCH_CODE	5,0N	BRANCH CODE

Definition of Report Footer :

FIELD NAME	TYPE	DESCRIPTION
RECORD NOT FOUND	C	Message will be printed if there is no record listed.
END OF REPORT	C	Message will be printed to indicate end of report.

**Core System Replacement Project**Agent bank Payment Collection & Form A Submission
(version 5.4b)
Private & Confidential**10.0 Security**

Outgoing / Incoming file to/from Participating bank will be transmitted thru PAYMATE system (Third party Middleware) with the following features:

- i Encryption: All files will be encrypt using Advance Encryption Standard algorithm (AES-256)
- ii Hashing: All files will be hashed using Secure Hash Algorithm (SHA-256) to enhance integrity of the files
- iii Compressed: All files will be compressed for more efficient transmission (70 – 80% compression ratio using DEFLATE algorithm)
- iv Constant communication between Agent and Server to ensure file delivery
- v Audit Trail of all file transmission
- vi Instant notification via email in case of communication problems

11.0 Exceptional Handling

If the interface file data is incomplete or inconsistent or the line is disconnected, JTM shall inform the bank within 24 hours. Bank should respond with the corrected data within 24 hours.

12.0 Appendices

- 12.1 Agent PC Requirement and Communication
- 12.2 File format for extraction of employer info (CDM)

13.0 Form A Submission Testing

This section shall discuss the process of obtaining approval for Form A submission via internet banking.

Below is the procedure:

Employer(s) intend to submit Form A via internet banking shall first send testing data to EPF for verification. EPF will perform the following:

- i. Verify the interface file format. The interface file format must be correct and conformed to EPF standard file format as in item 2.1.2, 2.13 and 2.14.
- ii. The detail content must be correct in term of employee name, ID number and the employer and employee contribution must be within EPF contribution schedule. The total number of employee for each employer must be correct. If the information send by employers is incorrect, EPF will generate notice and report to inform employers the testing result and corrective action(s). Refer to item 9.6, 9.7 and 9.8 for the notice and report format. Bank will receive a copy of the same notice above.
- iii. In addition to notice(s) above EPF will inform bank the status of the testing electronically via an outgoing interface file to bank. Refer to item 2.3 for interface file format.



Core System Replacement Project

Agent bank Payment Collection & Form A Submission
(version 5.4b)
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-
- iv. If the interface file format is correct and the rate of error(s) is $\leq 5\%$, automatic approval will be given to employers. Approval notice (refer to item 10.5 for the format) will be mailed to employer(s) and bank. For testing error(s) which is $> 5\%$, the system will provide user interface screen to manually approve the application.



Appendix 12.1- Agent PC Specification Requirement and Communication

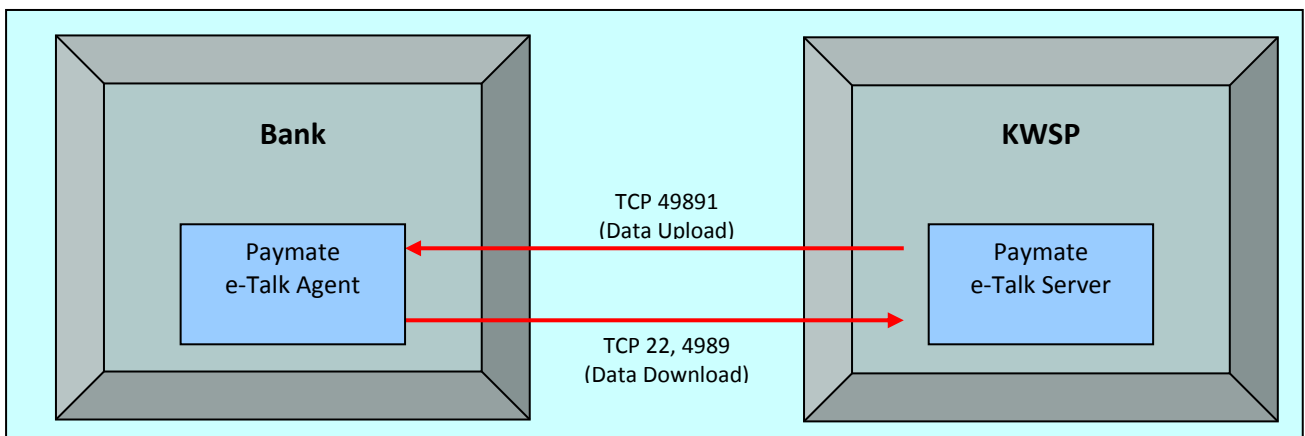
Agent PC Requirement

- Recommended Windows XP with minimum Pentium 4
- At least 1 GB RAM
- Free space required 50GB

Communication

- Use existing fixed IP
- Installed in different pc –Required fixed IP and visible to KWSP to connect with 49891 port.

The following diagram illustrates the logical model of the Paymate application links:-





Core System Replacement Project

Agent bank Payment Collection & Form A Submission
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Appendix 12.2 – File Format For Extraction Of Employer Info(CDM)

This file contains EPF employer information and to be transmitted to PBB via middleware agent. Extraction of data and frequency of sending the file will be scheduled every end of month. EPF will send employer data with status 'active' and 'closed' to PBB.

File naming Convention format EPFEMPDBYYYYMMDD.TXT

Detail Format

Seqno	Field	Field Attributes	Remark
1.	Rec id	A(2)	Default to '01'
2.	Employer No	N(19)	Leading with zeros
3.	ROB/ROC	A(15)	Left justified
4.	Employer Name1	A(40)	Left justified
5.	Employer Name2	A(40)	Left justified

Footer Format

Seqno	Field	Field Attributes	Remark
1.	Rec id	A(2)	Default to '02'
2.	Total Records	N(10)	Leading with zeros