



**PaymentConnex**

**HRPay  
File Format  
V6.4.1**

Title		Maybank2 <sup>e</sup> .net: Salary File Format			
Purpose		Transaction Upload / Download - IntraBank, GIRO and RENTAS			
NO.	Data Elements	Data Type	Size	Mandatory/Optional	Description with Remarks & Example
<b>Header Record Type</b>					
1	Record type	Char	1	Mandatory	“H” Capital letter “H” is a must.
2	Client Code	Char	20	Mandatory	Client ID will be given by the bank
3	PIR Reference No	Char	20	Mandatory	File Reference Number identified by you. It has to be unique for your own reference.
4	Processing (real-time/batch)	Char	1	Optional	Default to Batch if blank B/Blank = Batch R = Real-time Note: If real-time is selected, only 10 transactions are allowed per payment file.
5	Testing a/c verification indicator	Char	1	Optional	Default to ‘Live’ file if blank. L/Blank = Live file. Proceed to validate and process by the bank’s host. *F = Format and setup testing. No processing by bank’s host. *A = Account and IC validation testing.  *This testing indicator will NOT be applicable for Realtime / Online transaction.
6	Confidential Indicator	Char	1	Optional	C = Confidential file i.e. disallow certain person to view the details of the transaction
7	File Upload Date	Number	8	Optional	Always leave blank and system will default to current upload date.
8	File Payment Date	Number	8	Optional	Default to today’s date if blank i.e. YYYYMMDD Purpose: The date to process the file. If there are multiple dates received as Payment Date in the detail record, this date will be ignored and the payment date present in the detail record will be considered as the activation date.

Title		Maybank2 <sup>e</sup> .net: Salary File Format			
Purpose		Transaction Upload / Download - Intrabank, GIRO and RENTAS			
NO.	Data Elements	Data Type	Size	Mandatory/Optional	Description with Remarks & Example
9	File Remarks	Char	40	Optional	Allow notes to describe all information pertaining to the file.
10	CMS Returned Batch ID	Char	20	Conditional	Returned by MBB when file is returned.
11	Filler			Optional	Default to blank. The total length of the band is 2500. Adjust the filler accordingly.
<b>Detail Record Type</b>					
1.	Record type	Char	1	Mandatory	“D” Capital letter “D” is a must.
2.	Instrument Reference No	Char	20	Optional	The transaction reference number identified by you.
3.	Customer Product	Char	10	Mandatory	The Customer Product value can be vary subject to Bank determination / Specification. i.e. “SALARY”, “SALARY1”
4.	Payment mode	Char	10	Optional	Default to blank
5.	Transaction Amount	Number	15	Mandatory	The amount applicable. No decimal. Right justified and padded with zero i.e. RM 10.50 – 000000000001050
6.	Debit account number	Char	20	Mandatory	The account to be debited. Left justified and must be numeric and right padded with spaces. E.g. MBB acc ‘514011123456’ – ‘51401112356XXXXX’ I.e. X denote spaces
7.	Debit reference	Char	14	Optional	Reference Number identified by you. This value will appear in your Account Statement – ‘Reference Field’ for your reconciliation.
8.	Debit description	Char	40	Optional	Reference Description identified by you. This value will appear in your Account Statement – ‘Description Field’ for your reconciliation.
9.	Payment Date	Number	8	Optional	Processing date i.e. if blank default to today’s date – YYYYMMDD
10.	Invoice Date	Number	8	Optional	Information only i.e. YYYYMMDD or spaces
11.	Bank Code indicator	Char	1	Optional	Default to blank
12.	Receiving bank code	Char	11	Optional	Default to blank or “MBBEMYKL” (if receiver is a MBB Account



Title		Maybank2 <sup>e</sup> .net: Salary File Format			
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NO.	Data Elements	Data Type	Size	Mandatory/Optional	Description with Remarks & Example
					holder). Otherwise, please use the bank code as per the bank code list downloaded from Maybank2e.net System Download
13.	Beneficiary/Credit account number	Number	20	Conditional	Beneficiary/Credit Account No. Left justified, must be numeric and right padded with spaces E.g. MBB acc '514011123456' - '51401112356XXXXXXXX' I.e. X denote spaces
14.	Name of beneficiary	Char	40	Mandatory	Beneficiary Name  If GIRO, the first 20 characters will be sent to MEPS
15.	Beneficiary New IC	Number	15	Conditional	Advisable to put beneficiary New IC. Do not put dash "-" ie 821108088856  Left justified, padded with spaces.  **Note : If IC Checking = Yes, either one of the 4 fields (New IC, Old IC, Business Registration or Police ID/ Passport No) is mandatory to have value. IC Checking is not applicable for Realtime / Online payment.
16.	Beneficiary Old IC	Char	8	Conditional	Advisable to put beneficiary Old IC.  Left justified, padded with spaces.  **Note : If IC Checking = Yes, either one of the 4 fields (New IC, Old IC, Business Registration or Police ID/ Passport No) is mandatory to have value. IC Checking is not applicable for Realtime / Online payment.

Title		Maybank2 <sup>e</sup> .net: Salary File Format			
Purpose		Transaction Upload / Download - Intrabank, GIRO and RENTAS			
NO.	Data Elements	Data Type	Size	Mandatory/Optional	Description with Remarks & Example
17.	Beneficiary Business Registration No	Char	20	Conditional	<p>Advisable to put beneficiary Business Registration No.</p> <p>Left justified, padded with spaces.</p> <p><b>**Note :</b> If IC Checking = Yes, either one of the 4 fields (New IC, Old IC, Business Registration or Police ID/Passport No) is mandatory to have value. IC Checking is not applicable for Realtime / Online payment.</p>
18.	Beneficiary Police / Army ID / Passport No	Char	20	Conditional	<p>Advisable to put beneficiary Police ID/Army ID/ Passport No.</p> <p>Left justified, padded with spaces.</p> <p><b>**Note :</b> If IC Checking = Yes, either one of the 4 fields (New IC, Old IC, Business Registration or Police ID/Passport No) is mandatory to have value. IC Checking is not applicable for Realtime / Online payment.</p>
19.	Beneficiary non-resident Indicator (Y/N)	Char	1	Optional	<p>Default to blank.</p> <p>If beneficiary is a non-resident, please fill in "Y" and you are required to fill in the Purpose Code (Item 20).</p>
20.	Purpose code	Char	2	Conditional	<p>If resident to resident Space Else If resident to non-resident See note below* Else if non-resident to resident See note below* Else if non-resident to non-resident Purpose code = EX</p>

Title		Maybank2 <sup>e</sup> .net: Salary File Format									
Purpose		Transaction Upload / Download - Intrabank, GIRO and RENTAS									
NO.	Data Elements	Data Type	Size	Mandatory/Optional	Description with Remarks & Example						
					<p>Note*:</p> <table><tr><td>Min</td><td>Max</td><td>Details</td></tr><tr><td>0</td><td>-</td><td>5,000.49</td></tr></table> <p>Purpose code = OA</p> <p>5,000.50 - 50,000.49</p> <p>Purpose code = Bulk Category</p> <p>Greater than 50,000.50 Purpose code + Form P/R no</p>	Min	Max	Details	0	-	5,000.49
Min	Max	Details									
0	-	5,000.49									
21.	Form P/R no	Char	20	Conditional	Mandatory in case of amount > 50,000.49 and payment is from a Resident to Non Resident or Non Resident to Resident.						
22.	By order of	Char	40	Optional	Default to blank						
23.	Credit reference or invoice number	Char	45	Optional	<p>Reference Number identified by you. This value will appear in your beneficiary's account statement.</p> <p>Please take note the below:</p> <p>Intrabank: Only first 14 characters will be shown in the Beneficiary's Account Statement.</p> <p>GIRO: Only first 20 characters will be shown in the Beneficiary's Account Statement.</p> <p>RENTAS: All 40 characters will be shown in the Beneficiary's Account Statement.</p>						
24.	Credit Description	Char	140	Optional	<p>Reference Description identified by you. This value will appear in your beneficiary's account statement.</p> <p>Please take note the below:</p> <p>Intrabank: Only first 40 characters will be shown in the Beneficiary's Account Statement.</p> <p>GIRO: Only first 40 characters will</p>						

Title		Maybank2 <sup>e</sup> .net: Salary File Format			
Purpose		Transaction Upload / Download - Intrabank, GIRO and RENTAS			
NO.	Data Elements	Data Type	Size	Mandatory/Optional	Description with Remarks & Example
					be shown in the Beneficiary's Account Statement.  Rentas: All 140 characters will be shown in the Beneficiary's Account Statement.
25.	CO collection instruction	Number	1	Optional	Default to blank.
26.	CO drawee branch	Number	4	Optional	Default to blank.
27.	CO collection branch	Number	4	Optional	Default to blank.
28.	CO authorised person (Name)	Char	40	Optional	Default to blank.
29.	CO authorised person (IC)	Char	15	Optional	Default to blank.
30.	CO mailing address line1	Char	30	Optional	Default to blank.
31.	CO mailing address line2	Char	30	Optional	Default to blank.
32.	CO mailing address line3	Char	30	Optional	Default to blank.
33.	CO mailing address line4	Char	30	Optional	Default to blank.
34.	CO mailing postcode	Number	5	Optional	Default to blank.
35.	CO mailing city	Char	60	Optional	Default to blank.
36.	CO mailing state	Char	60	Optional	Default to blank.
37.	CO mailing country	Char	60	Optional	Default to blank.
38.	Charges borne by	Char	1	Optional	Default to blank. Blank / C - Customer B - Beneficiary S - Shared
39.	CO Advice Layout	Char	20	Optional	Default to blank.
40.	Instrument Date	Number	8	Optional	Default to blank
41.	Instrument MICR Number	Number	6	Optional	Default to blank
42.	MC Funding A/c	Char	20	Optional	Default to blank
43.	Addenda Record Layout	Char	1	Optional	Default to blank
44.	Addenda Record(for advice)	Number	7	Optional	Default to blank

Title		Maybank2 <sup>e</sup> .net: Salary File Format			
Purpose		Transaction Upload / Download - Intrabank, GIRO and RENTAS			
NO.	Data Elements	Data Type	Size	Mandatory/Optional	Description with Remarks & Example
45.	Beneficiary Code	Char	10	Optional	Default to blank
46.	Beneficiary Branch	Char	10	Optional	Default to blank
47.	Beneficiary Email	Char	40	Optional	Default to blank
48.	Beneficiary Fax	Char	40	Optional	Default to blank
49.	MBB Returned Transaction Number	Char	20	Optional	Transaction Reference returned by bank after processing
50.	MBB Returned Transaction Status Code	Char	2	Optional	Transaction status returned by bank after processing. Please refer to Appendix 1 for transaction status code
51.	MBB Returned Error Code	Char	8	Optional	Error code returned by bank for rejected transaction(s).
52.	MBB Returned Reason	Char	40	Optional	Error reason returned by bank for rejected transaction(s).
53.	Filler			Optional	Default to blank The total length of the band is 2500. Adjust the filler accordingly.
Trailer Record Type					
1	Record type	Char	1	Mandatory	Value 'T' for trailer record. Capital letter "T" is a must.
2	Total item	Number	5	Mandatory	The total records. Right justified and padded with zero i.e. 20 records - 00020
3	Total amount	Number	15	Mandatory	The total amount. The total amount. No decimal. Right justified and padded with zero i.e. RM 10.50 - 000000000001050
4	Hash total	Number	15	Conditional	It is use as an added security to avoid the file being tampered by unauthorised person before being uploaded into M2e. For calculation purpose, please refer to HRPay Hash Total Formula for Salary.
5	Total item successful	Number	5	Optional	Based on posting / processing.
6	Total item rejected	Number	5	Optional	Based on posting / processing.
7	Total successful amount	Number	15	Optional	Based on posting / processing.
8	Total rejected amount	Number	15	Optional	Based on posting / processing.



<b>Title</b>		<b>Maybank2<sup>e</sup>.net: Salary File Format</b>			
<b>Purpose</b>		<b>Transaction Upload / Download - Intrabank, GIRO and RENTAS</b>			
<b>NO.</b>	<b>Data Elements</b>	<b>Data Type</b>	<b>Size</b>	<b>Mandatory/Optional</b>	<b>Description with Remarks &amp; Example</b>
9	Filler			Optional	Default to blank  The total length of the band is 2500. Adjust the filler accordingly.

Title		Maybank2e.net: EPF Registration / Payment File Format 1			
Purpose:		Transaction Upload – EPF Registration & Payment			
No.	Data Elements	Data Type	Size	Mandatory/Optional	Description with Remarks & Examples
Header Record Type					
1	Record type	Char	1	Mandatory	“H” for header Capital letter “H” is a must.
2	Processing (Realtime / batch)	Char	3	Optional	Default to Batch if blank B/Blank = Batch R = Real-time Left justified and padded with spaces
3	Service Type	Char	2	Mandatory	This field is mandatory with maximum 2 digits. (i) 21 for EPF Registration OR (ii) 20 for EPF Payment Transaction
4	Testing a/c verification indicator	Char	1	Mandatory	Default to ‘Live’ file if blank. L/Blank = Live file. Proceed to validate and process by the bank’s host. T = Format and setup testing. No processing by bank’s host
5	File Payment Date	Char	8	Mandatory	File Payment date is a must in “YYYYMMDD” format. Purpose: The date to process the file. Note: File payment date can be current or future date. No backdated date is allowed.
6	EPF Employer Ref No	Number	9	Mandatory	Please input a valid EPF Employer Reference Number. Note: If Ref No is 1234567, it should be padded with leading zero. E.g.: 001234567
7	Company Officer In-charge	Char	25	Mandatory	Please input the company office in charge name. If there’s any doubt/inquiry, EPF will contact this officer.  For EPF Transaction file – The value given in the file will be populated and will not be validated against the value maintained upon EPF registration
8	Company Contact No.	Char	15	Mandatory	Please input the company office in charge contact number. If there’s any doubt/inquiry, EPF will contact this officer.  For EPF Transaction file – The value given in the file will be populated and will not be validated against the value maintained upon EPF registration

Title		Maybank2e.net: EPF Registration / Payment File Format 1			
Purpose:		Transaction Upload – EPF Registration & Payment			
No.	Data Elements	Data Type	Size	Mandatory/Optional	Description with Remarks & Examples
9	Contribution Year	Char	4	Mandatory	Payment of EPF Contribution for Year in “YYYY” format.
10	Contribution Month	Char	2	Mandatory	Payment of EPF Contribution for Month in “MM” format.
11	EPF Employer’s name	Char	40	Mandatory	Please input the company name as per registered with EPF.  For EPF Transaction file – The value given in the file will be populated and will not be validated against the value maintained upon EPF registration
12	Company State Code	Number	2	Mandatory	01 – Johor, 02 – Kedah, 03 – Kelantan, 04 – Melaka, 05 – N.Sembilan, 06 – Pahang 07 – P.Pinang, 08 – Perak, 09 – Perlis 10 – Selangor, 11 – T’ganu, 12 – Sabah 13 – Sarawak, 14 – W.Persekutuan
13	Client Code	Char	11	Mandatory	Client ID will be given by the bank
14	Confidential Indicator	Char	3	Optional	Blank – Allow everyone that has access to EPF Payments to view the information. “C” – Allow only certain users in the group of EPF Payment users to view the information. Left justified and padded with spaces
15	PIR Reference No.	Char	14	Mandatory	File Reference Number identified by you. It has to be unique for your own reference.
16	Filler	Char	30	Optional	Default to blank This is to synchronize the 3 portions of the file (header/details/trailer) to have a fixed length format.

Title		Maybank2e.net: EPF Registration / Payment File Format 1			
Purpose:		Transaction Upload – EPF Registration & Payment			
No.	Data Elements	Data Type	Size	Mandatory/Optional	Description with Remarks & Examples
Detail Record Type					
1	Record type	Char	1	Mandatory	“D” for detail. Capital letter “D” is a must.
2	Instrument Reference No	Char	6	Optional	The transaction reference number identified by the company. If this is left blank, the PIR Ref No is defaulted.
3	Tran Type	Char	1	Mandatory	“N” for Non Monetary.
4	EPF Employee Ref No	Char	8	Mandatory	EPF Employee Ref No
5	Employee Old IC No	Char	12	Conditional	Mandatory if New IC No and Passport No is empty. Left justified, must be alphanumeric and right padded with spaces  Please refer to **
6	Employee New IC No	Char	12	Conditional	Mandatory if Old IC No and Passport No is empty. Left justified, must be alphanumeric and right padded with spaces i.e : 830214145524 (do not put dash)  Please refer to **
7	Employee Passport No	Char	12	Conditional	Mandatory if New IC No and Old IC No is empty. Left justified, must be alphanumeric and right padded with spaces  Please refer to **
8	Employee Contribution Amount	Number	15	Mandatory	Employee contribution amount applicable. Right justified and padded with zero. The cent portion should always be “00” otherwise; Maybank2e.net will reject the file with proper remark.  i.e. RM 100.20 – 000000000010000
9	Employer Contribution Amount	Number	15	Mandatory	Employer contribution amount applicable. Right justified and padded with zero The cent portion should always be “00” otherwise; Maybank2e.net will reject the file with proper remark.  i.e. RM 100.20 – 000000000010000

Title		Maybank2e.net: EPF Registration / Payment File Format 1			
Purpose:		Transaction Upload – EPF Registration & Payment			
No.	Data Elements	Data Type	Size	Mandatory/Optional	Description with Remarks & Examples
10	Employee's Initial	Char	3	Optional	Employee's Initial for EPF record if there's any discrepancies
11	Employee's Name	Char	40	Mandatory	Please input employee's name Left justified and right padded with spaces.
12	Employee's Identifying Key	Char	11	Optional	You may include the key reference / staff number of the staff for EPF record if there's any discrepancies
13	Member Wages	Number	15	Mandatory	Employee salary/wages amount applicable. No decimal. Right justified and padded with zero. The cent portion should always be "00" otherwise; Maybank2e.net will reject the file with proper remark.  i.e. RM 400.20 – 000000000040000
14	Filler	Char	19	Optional	Default to blank  This is to synchronize the 3 portions of the file (header/details/trailer) to have a fixed length format.
Trailer Record Type					
1	Record Type	Char	1	Mandatory	"T" for trailer. Capital letter "T" is a must.
2	Total item	Number	15	Mandatory	The total number of employee. Right justified and padded with zero i.e. 20 records – 000000000000020
3	Total Employee Contribution	Number	15	Mandatory	The total employee contribution amount. Right justified and padded with zero  i.e. RM 100.00 – 000000000010000
4	Total Employer Contribution	Number	15	Mandatory	The total employer contribution amount. Right justified and padded with zero  i.e. RM 100.00 – 000000000010000
5	Total Employer + Employee Contribution	Number	15	Mandatory	The total employer + employee contribution amount. Right justified and padded with zero  i.e. RM 200.00 – 000000000020000
6	Hash total	Number	15	Optional	It is use as an added security to avoid the file being tampered by unauthorised person before being uploaded into M2e. For calculation purpose, please refer to HRPay Hash Total Formula for EPF.

Title		Maybank2e.net: EPF Registration / Payment File Format 1			
Purpose:		Transaction Upload – EPF Registration & Payment			
No.	Data Elements	Data Type	Size	Mandatory/Optional	Description with Remarks & Examples
7	Company Bank Code	Char	11	Mandatory	Default to “MBBEMYKL”.
8	Company Account No	Char	17	Mandatory	The company account to be debited. Left justified and must be numeric and right padded with spaces. E.g. MBB acc ‘514011123456’ – ‘51401112356XXXXX’ I.e. X denote spaces
9	Company Debit Reference	Char	14	Optional	If exist, the value will be shown in the Debit Account statement - Reference field.  Else if left blank, the value in field “Debit Reference” will be populated with “Employer Ref No”.
10	Company Debit Description	Char	40	Optional	If exist, the value will be shown in the Debit Account statement - Description field.  Else if left blank, the value in field “Debit Description” will be populated with “EPF Payment via M2e ”.
11	Filler	Char	12	Optional	Default to blank This is to synchronize the 3 portions in the file (header/details/trailer) to have a fixed length format

**\*\* At least 1 of Employee New IC or Employee Old IC or Employee Passport No must have a value.**

Title		Maybank2e.net: SOCSO Payment File Format			
Purpose:		Transaction Upload			
No	Data Elements	Data Type	Size	Mandatory/Optional	Description with Remarks & Examples
<b>Header Record Type</b>					
1	Record type	Char	1	Mandatory	“H” for header Capital letter “H” is a must.
2	Processing (Realtime / batch)	Char	3	Optional	Default to Batch if blank B/Blank = Batch R = Real-time Left justified and padded with spaces
3	Service Type	Char	2	Mandatory	“30” for SOCSO
4	Testing a/c verification indicator	Char	1	Mandatory	Default to ‘Live’ file if blank. L/Blank = Live file. Proceed to validate and process by the bank’s host. T = Format and setup testing. No processing by bank’s host.
5	File Payment Date	Char	8	Mandatory	File Payment date is a must in “YYYYMMDD” format. Purpose: The date to process the file. Note: File payment date can be future date. No backdated date is allowed.
6	SOCSO Employer Reference No	Char	9	Mandatory	Please input a valid SOCSO Employer Reference Number.
7	Contribution Year	Char	4	Mandatory	Payment of SOCSO Contribution for Year in “YYYY” format.
8	Contribution Month	Char	2	Mandatory	Payment of SOCSO Contribution for Month in “MM” format.
9	Client Code	Char	11	Mandatory	Client ID will be given by the bank
10	Confidential Indicator	Char	3	Optional	Blank – Allow everyone that has access to SOCSO Payments to view the information.  “C” – Allow only certain users in the group of SOCSO Payment users to view the information.  Left justified and padded with spaces
11	PIR Reference No.	Char	14	Mandatory	File Reference Number identified by you. It has to be unique for your own reference.
12	Filler	Char	102	Optional	Default to blank  This is to synchronize the 3 portions of the file (header/details/trailer) to have a fixed length format.
<b>Detail Record Type</b>					
1	Record type	Char	1	Mandatory	“D” for detail. Capital letter “D” is a must.
2	Instrument Reference No	Char	6	Optional	The transaction reference number identified by you.
3	Tran Type	Char	1	Mandatory	“N” for Non Monetary.
4	SOCSO	Char	9	Optional	SOCSO Employee Ref No

Title		Maybank2e.net: SOCSO Payment File Format			
Purpose:		Transaction Upload			
No	Data Elements	Data Type	Size	Mandatory/Optional	Description with Remarks & Examples
	Employee Ref No				i.e : X7012023P
5	Employee Old IC No	Char	12	Conditional	Mandatory if New IC No and Passport No is empty. Left justified, must be alphanumeric and right padded with spaces  Please refer to **
6	Employee New IC No	Char	12	Conditional	Mandatory if Old IC No and Passport No is empty. Left justified, must be alphanumeric and right padded with spaces i.e : 830214145524 (do not put dash)  Please refer to **
7	Employee Passport No	Char	12	Conditional	Mandatory if New IC No and Old IC No is empty. Left justified, must be alphanumeric and right padded with spaces  Please refer to **
8	Employee Amount	Number	15	Mandatory	Employee contribution amount applicable. Right justified and padded with zero i.e. RM 10.50 – 000000000001050
9	Employer Amount	Number	15	Mandatory	Employer contribution amount applicable. Right justified and padded with zero i.e. RM 10.50 – 000000000001050
10	Employee's Name	Char	40	Mandatory	Please input employee's name Left justified and right padded with spaces.
11	Filler	Char	20	Optional	Default to blank This is to synchronize the 3 portions of the file (header/details/trailer) to have a fixed length
Trailer Record Type					
1	Record Type	Char	1	Mandatory	"T" for trailer. Capital letter "T" is a must.
2	Total item	Number	15	Mandatory	The total number of employee. Right justified and padded with zero i.e. 20 records – 000000000000020
3	Total Employee Amount	Number	15	Mandatory	The total employee contribution amount. Right justified and padded with zero i.e. RM 10.50 – 000000000001050
4	Total Employer Amount	Number	15	Mandatory	The total employer contribution amount. Right justified and padded with zero i.e. RM 10.50 – 000000000001050
5	Total Employer + Employee Contribution Amount	Number	15	Mandatory	The total employer + employee contribution amount. Right justified and padded with zero i.e. RM 10.50 – 000000000001050



Title		Maybank2e.net: SOCSO Payment File Format			
Purpose:		Transaction Upload			
No	Data Elements	Data Type	Size	Mandatory/Optional	Description with Remarks & Examples
6	Hash total	Number	15	Mandatory	It is use as an added security to avoid the file being tampered by unauthorised person before being uploaded into M2e. For calculation purpose, please refer to HRPay Hash Total Formula for SOCSO.  If no value, please default to "0000000000000000"
7	Company Bank Code	Char	11	Mandatory	Default to "MBBEMYKL".
8	Company Account No	Char	17	Mandatory	The company account to be debited. Left justified and must be numeric and right padded with spaces. E.g. MBB acc '514011123456' - '51401112356XXXXX' I.e. X denote spaces
9	Company Debit Reference	Char	14	Optional	If exist, the value will be shown in the Debit Account statement - Reference field.  Else if left blank, the value in field "Debit Reference" will be populated with "M2E Transaction ID" of the first record.
10	Company Debit Description	Char	40	Optional	If exist, the value will be shown in the Debit Account statement - Description field.  Else if left blank, the value in field "Debit Description" will be populated with "MyProduct Code".
11	Filler	Char	2	Optional	Default to blank This is to synchronize the 3 portions of the file (header/details/trailer) to have a fixed length

**\*\* At least 1 of Employee New IC or Employee Old IC or Employee Passport No must have a value.**

Title		Maybank2 <sup>e</sup> .net: IRB Account 3 Payment File Format			
Purpose		Transaction Upload			
NO.	Data Elements	Data Type	Size	Mandatory/Optional	Description with Remarks & Example
<b>Header Record Type</b>					
1	Record type	Char	1	Mandatory	“H” Capital letter “H” is a must.
2	Client Code	Char	20	Mandatory	Client ID will be given by the bank
3	Customer Product	Char	10	Mandatory	The Customer Product value can be vary subject to Bank determination /Specification. i.e “IRBPAY3”
4	Bank Product	Char	10	Mandatory	Default to 1 of the region below i. “IRBSMJACT3” For Semenanjung customer ii. “IRBSBHACT3” For Sabah customer iii. “IRBSWKACT3” For Sarawak customer
5	Processing Type	Char	1	Optional	Default to blank Blank = Batch “B” = Batch “R” = Real-time
6	Testing Indicator	Char	1	Optional	Default to blank
7	Confidential Indicator	Char	1	Optional	Default to blank Blank – Allow everyone that has access to IRB Payments to view the information. “C” – Allow only certain users in the group of IRB Payment users to view the information.
8	Payment Date	Date	8	Mandatory	The date to execute the payment. Format : YYYYMMDD
9	Employer IT Group	Char	2	Optional	Provided by LHDN E.g : C 12345678-09 (0), the Employer IT Group is “C”
10	Employer Ref No	Numeric	11	Mandatory	Provided by LHDN. Mandatory to have 11 digits. If Employer Ref No is less than 11 digit, it should be left padded with zeros. E.g : C 12345678-09 (0), the Employer Reference No is “1234567809”
11	Debit Account Number	Numeric	20	Mandatory	The company account to be debited. Left justified and must be numeric and right padded with spaces. E.g. MBB acc ‘514011123456’ – ‘51401112356XXXX’ I.e. X denote spaces
12	Deduction	Numeric	2	Mandatory	Tax Payment for Month

Title		Maybank2 <sup>e</sup> .net: IRB Account 3 Payment File Format			
Purpose		Transaction Upload			
NO.	Data Elements	Data Type	Size	Mandatory/Optional	Description with Remarks & Example
	Month				Format : MM E.g : 02 for February
13	Deduction Year	Numeric	4	Mandatory	Tax Payment for Year Format : YYYY E.g : 2009 ** Tax Payment for between Year 1995 and Next Year allowed.
14	PCB Total Amount	Numeric	8	Mandatory	Total PCB Amount in the file. E.g: 00010320 for RM 103.20
15	PCB Total Record	Numeric	5	Mandatory	Total Employee with PCB Payment. E.g : 00005 for 5 employees
16	CP38 Total Amount	Numeric	8	Mandatory	Total CP38 Amount in the file. E.g : 00010320 for RM 103.20
17	CP38 Total Record	Numeric	5	Mandatory	Total Employee with CP38 Payment E.g : 00001 for 1 employee
18	PIR Reference No	Char	20	Mandatory	File Reference Number identified by you. It has to be unique for your own reference.
19	Debit Reference	Char	14	Optional	Reference Number identified by you. This value will appear in your account statement for your reconciliation.
20	Debit Description	Char	40	Optional	Reference Description identified by you. This value will appear in your account statement for your reconciliation.
19	Credit Reference	Char	45	Optional	Default to blank
20	Credit Description	Char	140	Optional	Default to blank
21	Filler	Char	34	Optional	Default to blank
<b>Detail Record Type</b>					
1.	Record type	Char	1	Mandatory	“D” Capital letter “D” is a must.
2.	Instrument Reference No	Char	20	Optional	The transaction reference number identified by you.
3.	Employee IT Group	Char	2	Optional	Provided by LHDN  E.g : E 88888888-09 (0), the Employee IT Group is “E “
4.	Employee Tax Ref No	Numeric	10	Mandatory	Provided by LHDN E.g : E 88888888-09 (0), the Employee Tax Ref No is “8888888809 “

Title		Maybank2 <sup>e</sup> .net: IRB Account 3 Payment File Format			
Purpose		Transaction Upload			
NO.	Data Elements	Data Type	Size	Mandatory/Optional	Description with Remarks & Example
5.	Wife's Code	Numeric	1	Optional	Provided by LHDN
6.	Maybank2e Registered Employee Code	Char	10	Optional	Default to blank
7.	Employee Name	Char	60	Mandatory	Employee Name as per NRIC
8.	Employee Old IC /Police / Army ID	Char	8	Conditional	E.g : 5921654x (x denotes blank spaces)  * At least 1 of field 8, 9 or 10 must have a value.
9.	Employee New IC	Numeric	12	Conditional	E.g : 090130145555 (without "-" sign)  * At least 1 of field 8, 9 or 10 must have a value.
10.	Employee Passport Number	Char	12	Conditional	E.g : A1254953xxxx (x denoted blank spaces)  * At least 1 of field 8, 9 or 10 must have a value.
11.	PCB Amount	Numeric	8	Conditional	If the employee does not have PCB Payment, then default to "00000000". E.g : 00004920 for RM49.20  *PCB and/or CP38 Amount must have a value.
12.	CP38 Amount	Numeric	8	Conditional	If employee does not have CP38 Payment, then default to "00000000" E.g : 00004920 for RM49.20  *PCB and/or CP38 Amount must have a value.
13.	Staff Number	Char	10	Optional	Default to blank E.g : Employee ID
Trailer Record Type					
1	Record type	Char	1	Mandatory	Value 'T' for trailer record. Capital letter "T" is a must.
2	Total item	Number	15	Mandatory	The total number of employees. E.g : 000000000000100 for 100 employees
3	Total amount	Number	13	Mandatory	The grand total amount for PCB and CP38 Amount. i.e. RM 1210.50 - 0000000121050
4	Hash total	Number	15	Optional	It is use as an added security to avoid the file being tampered by unauthorised person before being uploaded into M2e. For calculation

<b>Title</b>		Maybank2 <sup>e</sup> .net: IRB Account 3 Payment File Format			
<b>Purpose</b>		Transaction Upload			
<b>NO.</b>	<b>Data Elements</b>	<b>Data Type</b>	<b>Size</b>	<b>Mandatory/Optional</b>	<b>Description with Remarks &amp; Example</b>
					purpose, please refer to HRPay Hash Total Formula for IRB.
9	Filler	Char	356	Optional	Default to blank

Title		Maybank2e.net: ZAKAT			
Purpose		Transaction Upload / Download			
NO.	Data Elements	Data Type	Size	Mandatory/Optional	Description with Remarks & Example
Header Record Type					
1	Record Type	Char	1	Mandatory	This field is mandatory, input 'H' for Header here.
2	My Product	Char	10	Mandatory	The My Product value can be vary subject to Bank determination / Specification. i.e. "ZAKAT"
3	Payment Product	Char	10	Mandatory	Default to 1 of the region below iv. "ZAKATKL" For Zakat KL contribution v. "ZAKATSL" For Zakat Selangor contribution vi. "ZAKATNS" For Zakat Negeri Sembilan contribution
4	Client Code	Char	10	Mandatory	Client ID will be given by the bank
5	Processing (real time)	Char	1	Mandatory	Default to Batch if blank B/Blank = Batch R = Real-time Note: If real-time is selected, only 10 transactions are allowed per payment file.
6	Testing Indicator	Char	1	Mandatory	This field is mandatory. Leave 1 space for Live or 'T' – Testing (for future use)
7	Payment Date	Char	8	Mandatory	This field is mandatory and requires 8 numeric value with "YYYYMMDD" format. It can be current date or future date.
8	Employer Name	Char	100	Mandatory	This field is mandatory with maximum 100 characters. This is organization name.
9	Zakat Employer Ref No	Char	10	Mandatory	This field is mandatory and requires maximum 10 characters value. Input a valid Zakat employer ref no here.
10	Company Account No	Char	17	Mandatory	This field is mandatory with left justified and must be numeric and right padded with spaces. E.g. MBB acc '514011123456' – '51401112356XXXXX' i.e. X denote spaces
11	Deduction month	Char	2	Mandatory	This field is mandatory to denote the contribution/deduction month with 'MM' format.
12	Deduction year	Char	4	Mandatory	This field is mandatory to denote the contribution/deduction year with 'YYYY' format.

Title		Maybank2e.net: ZAKAT			
Purpose		Transaction Upload / Download			
NO.	Data Elements	Data Type	Size	Mandatory/Optional	Description with Remarks & Example
13	PIR Reference No	Char	20	Mandatory	File Reference Number identified by you. It has to be unique for your own reference.
14	Company Debit Ref	Char	14	Optional	Reference Number identified by you. This value will appear in your account statement for your reconciliation.
15	Company Debit Description	Char	40	Optional	Reference Description identified by you. This value will appear in your account statement for your reconciliation.
16	Filler	Char	102	Optional	Default to blank.
Detail Record Type					
1	Record Type	Char	1	Mandatory	'D' – for Trailer Record. Capital letter “D” is a must.
2	Instrument Reference No	Char	6	Optional	The transaction reference number identified by you.
3	Employee Old IC No	Char	12	Conditional	This field is mandatory with maximum 12 characters. If less than 12 characters, right padded with spaces. e.g. A1234567 – A1234567XXXXXX e.g. X denote spaces  ** Either Old IC No OR New IC number must have a value.
4	Employee New IC No	Number	12	Conditional	This field is mandatory with maximum 12 characters. If less than 12 characters, right padded with spaces.  ** Either Old IC No OR New IC number must have a value.
5	Employee Amount	Number	15	Mandatory	This field is mandatory with maximum 15 numeric values. If the employee contribution amount is less than 15 digits, left padded with zero e.g. 0000000000004390.
6	Employee's Name	Char	40	Mandatory	This field is mandatory with maximum 40 characters. If less than 40 digit, right padded with spaces.
7	Zakat Classification	Char	40	Mandatory	Default 1 of the value below: “PENDAPATAN” “HARTA”

Title		Maybank2e.net: ZAKAT			
Purpose		Transaction Upload / Download			
NO.	Data Elements	Data Type	Size	Mandatory/Optional	Description with Remarks & Example
8	Filler	Char	33	Optional	Default to blank.
Trailer Record Type					
1	Record Type	Char	1	Mandatory	'T' – for Trailer Record. Capital letter "T" is a must.
2	Total Item	Number	5	Mandatory	Total Number of employees
3	Total Amount	Number	15	Mandatory	If less than 15 digit, left padded with zeroes. E.g. 62.00, it should appear in the file as 000000000006200
4	Hash Total	Number	15	Optional	It is used as an added security to avoid the file being tampered by unauthorised person before being uploaded into M2e. For calculation purpose, please refer to HRPay Hash Total Formula for Zakat.
5	Filler	Char	2	Optional	Default to blank.



## APPENDIX 1 : MBB RETURN TRANSACTION STATUS CODE

Title	MBB Return Transaction Status Code Listing		
Purpose	Referral table for transaction status code returned from Maybank2e.net		
Return Status Code	Transaction Status	Successful/Failed /Stopped/Pending	Detail Explanation
11	Debit Pending	Pending	Pending Maybank to process
13	Debit Failed	Failed	Payment failed due to debit
14	Unpresented	Pending	Pending process by MEPS bank
15	Presented but Returned	Failed	Payment failed due to credit
16	Presented and Paid	Successful	Payment successful
22	Stop Request Authorized	Stopped	Stop successfully by authorizer
00	GL Confirm	Successful	Payment successful
99	GL Reject	Failed	Payment failed