

No.	API Name	Description
0a	General API Structure	HTTP Request Headers, Parameters, Body and Response Body Structure
0b	Authentication/ Authorization Token Structure	JWT Token Structure
1	Request e-FIRC details	Request Export Other Bank Electronic Foreign Inward Remittance Certificate (FIRC) details along with status
2	Request IRM details	This API enables to query Export Inward Remittance Master (IRM) details along with status
3	Request Shipping bill or softex details	This API enables to query export bill and invoice details along with status

Operation Name		General API Structure	Description	General API Structure				
HTTP Method		GET	Description	General Request Structure for GET				
Seg Id	Field Name	Description	Length	Datatype	Required (Y/N/C)	Permitted Values	Sample Value(s)	Remarks
1	HTTP Header	HTTP Header						
1.1	Authorization	A digital signature (token) consists of header and claims, generate by Client/ Partner in every API Request for Authentication .		String	Y	Request Header's Token Values	JWS eyJ2ZjI0OiklJAILCjraWQOily-	
1.2	X-Trade-Finance-Token	A digital signature (token) consists of header and claims, generate by Client/ Partner in every API Request for Authentication .		String	Y	Request Header's Token Values	JWS eyJ2ZjI0OiklJAILCjraWQOily-	
1.3	X-HSBC-Request-Correlation-Id	Random Universal Unique Identifier (UUID) generates in every API Request	36	String	Y	Universally Unique Identifier	5c1cf43-cb9c-473a-a557-2f1ec6e2d145	
1.4	X-HSBC-Request-Idempotency-Key	The unique identifier (UUID) that you submit as a request header, that helps bank to identify your request is not duplicated.	36	String	Y	Universally Unique Identifier	5c1cf43-cb9c-473a-a557-2f1ec6e2d145	
1.5	X-HSBC-CountryCode	The target HSBC System Location. Please check with your implementation manager.	2	String	N	ISO 3166-1 alpha-2	SG	
2 HTTP Query Parameters		Query Parameters. Refer to corresponding APIs				Query Parameters	?paramKey001=paramValue001¶mKey002=paramValue002-	
Request Query Example								
GET {env-url}/api-end-point/?paramKey001=paramValue001¶mKey002=paramValue002-								

HTTP Method		POST	Description	General Request Structure for POST				
HTTP Header		HTTP Header						
1.1	Authorization	A digital signature (token) consists of header and claims, generate by Client/ Partner in every API Request for Authentication .		String	Y	Request Header's Token Values	JWS eyJ2ZjI0OiklJAILCjraWQOily-	
1.2	X-Trade-Finance-Token	A digital signature (token) consists of header and claims, generate by Client/ Partner in every API Request for Authentication .		String	Y	Request Header's Token Values	JWS eyJ2ZjI0OiklJAILCjraWQOily-	
1.3	X-HSBC-Request-Correlation-Id	Random Universal Unique Identifier (UUID) generates in every API Request	36	String	Y	Universally Unique Identifier	5c1cf43-cb9c-473a-a557-2f1ec6e2d145	
1.4	X-HSBC-Request-Idempotency-Key	The unique identifier (UUID) that you submit as a request header, that helps bank to identify your request is not duplicated.	36	String	Y	Universally Unique Identifier	5c1cf43-cb9c-473a-a557-2f1ec6e2d145	
1.5	X-HSBC-CountryCode	The target HSBC System Location. Please check with your implementation manager.	2	String	N	ISO 3166-1 alpha-2	SG	
2 HTTP Body		Encrypted Request Body to be sent to bank, Base 64 Encoded.		application/json	Y	Stringified JSON Object		
2.1	encryptedRequestBase64	Base64 Encoded string of the encrypted message. Please encrypt it with the bank's public key.		String	Y	Base64 String	LS0tLS1CRUdJITBQRlAgTUVTU0FHRC-	
HTTP Request Body Example								
{"encryptedRequestBase64": "LS0tLS1CRUdJITBQRlAgTUVTU0FHRC-"}								

HTTP Method		GET/ POST Response	Description	General Response Structure				
Message Type		Encrypted Response Body						
Seg Id	Field Name	Description	Length	Datatype	Required (Y/N/C)	Permitted Values	Sample Value(s)	Remarks
1	HTTP Status	Status of the HTTP Request.			Y	200: SUCCESS (Success Response from Get Request) 201: Created (Success Response from Post Request) 400: Bad Request Headers/ Payload 401: Authentication/ Authorization Failure 403: Entitlement Validation Failure 422: Crypto Failure 500: Service Failure		
2	HTTP Body	Encrypted Response Body (by client's pgg key) received from bank, Base 64 Encoded.		application/json	Y	Stringified JSON Object		
2.1	encryptedResponseBase64	Base64 Encoded string of the encrypted message. Please encrypt it with the client's public key.		String	Y	Base64 String	LS0tLS1CRUdJITBQRlAgTUVTU0FHRC-	
HTTP Response Body Example								
{"encryptedResponseBase64": "LS0tLS1CRUdJITBQRlAgTUVTU0FHRC-"}								

Message Type		Error Messages						
Seg Id	Field Name	Description	Length	Datatype	Required (Y/N)	Permitted values	Sample Value(s)	Remarks
1	type	Type of error	255	String	Y		/problem-details/types/validation-errors	
2	title	Title of error	255	String	Y		Fields invalid	
3	status	HTTP Status Code	225	String	Y		400	
4	detail	Detailed description of error	225	String	Y		Fields invalid	
5 errors		Multiple Errors		Array	N			
5.1	type	Type of error	225	String	Y		/problem-details/types/validation-errors	
5.2	detail	Title of error	225	String	Y		data.invoices[0].externalInvoiceId must not be null.	
6	instance	X-HSBC-Request-Correlation-Id of the corresponding request	36	String	Y	Universally Unique Identifier	5c1cf43-cb9c-473a-a557-2f1ec6e2d145	
7	errorDateTime	Datetime of error	225	String	Y		2024-08-21T12:20:46.655Z	
Single Error Example								
{"type": "/problem-details/types/validation-errors", "title": "Fields invalid", "status": "400", "detail": "data.invoices[0].externalInvoiceId must not be null.", "instance": "ae7e198c-888d-447b-b230-c8b192b76417", "errorDateTime": "2023-08-27T21:17:09.466Z"}								
Multiple Errors Example								
{"type": "/problem-details/types/validation-errors", "title": "Fields invalid", "status": "400", "detail": "Fields invalid", "errors": [{"type": "/problem-details/types/validation-errors", "detail": "data.invoices[0].externalInvoiceId must not be null."}, {"type": "/problem-details/types/validation-errors", "detail": "data.invoices[0].sellerId must not be null."}], "instance": "86838151-4acb-a81c-4ed0648d3b5", "errorDateTime": "2023-08-27T21:17:45.710Z"}								

type	title	status	detail/ what is the error	Troubleshooting	Remarks
/problem-details/types/validation-errors#paramKey001	Fields invalid	400	Key and value must not be blank. Should be no longer than maxLength characters. must be %Enum1%#Enum2%#Enum3% must be provided in format of YYYY-MM-DD and correct date time. must match the pattern of [0-9]{1,4}[\.\-]{0-3}[1-3]{7}	These are requestor side's errors related to invalid input of Request Header/ Query Parameters/ Unencrypted JSON Body. Please refer to corresponding API Specification and correct the errors.	
/authn-error/code/EDSPER1001			Mandatory field kid is missing or invalid in the customer JWT header	Check if the correct key ID (Client's private key) in the token.	Request Header's Token Values
/authn-error/code/EDSPER1002			Invalid PGP Key. Key is set to never expiry	Contact client implementation manager to re-submit a new client public key with expiration	
/authn-error/code/EDSPER1003			Invalid PGP Key. Key is expired	Check if the correct Client's Private key is used to sign the token.	
/authn-error/code/EDSPER1004			Invalid PGP Key	Check if the correct Client's Private key is used to sign the token.	
/authn-error/code/EDSPER1005			Customer JWT is expired	Check if "iat" in the token is generated based on current time.	
/authn-error/code/EDSPER1006			Mandatory field claim "iat" is missing or invalid from customer JWT	Check if the valid signature algorithm is inputted in the token.	
/authn-error/code/EHVDERS010			Mandatory field claim "alg" is missing or invalid in customer JWT	Check if the valid signature algorithm is inputted in the token.	
/authn-error/code/EDSPER1008			Mandatory field sub (profile id) is missing or invalid in customer JWT body	Check if "sub" is inputted in the token claims.	Request Header's Token Values
/authn-error/code/EDSPER2002			User does not exist	Check if a valid "sub" is inputted in the token claims. This value is the profile ID you received from the client implementation manager	
/authn-error/code/EDSPER2003			Mandatory field pin is missing or invalid in customer JWT payload	Check if a "pin" is a valid uuid	
/authn-error/code/EDSPER2004			User account is locked	Please wait for 5 minutes and retry.	
/authn-error/code/EDSPER2005			JWT Signature validation failed / Invalid JWT Signature	Check if the correct Client's Private key is used to sign the token.	
/authn-error/code/EDSPER2006	Unauthorized, Invalid credentials.	401	Blocked access to user accessing from sanctioned country		
/authn-error/code/EDSPER2007			IP address missing so sanctioned country check failed.		
/authn-error/code/EDSPER2008			Invalid Authentication Token	Check if Token is inputted in the Request Header: Authorization: JWS ([token]) X-HSBC-Trade-Finance-Token: JWS ([token])	Request Header's Token Values
/authn-error/code/EHVDERS008					
/authn-error/code/EDSPER2009			Either Client Token or Payload is in Invalid format	Check if the HTTP request body format is correct. Refer to General API Request Structure	
/authn-error/code/EHVDERS009					
/authn-error/code/EDSPER2010			Mandatory field aud is missing or invalid in customer JWT payload	Check if "aud" is inputted in the token claims as "bas"	Request Header's Token Values
/authn-error/code/EDSPER2012			Mandatory field ver is missing or invalid from JWT header	Check if "ver" is inputted in the token headers as "1.0"	
/authn-error/code/EDSPER2013			User Login credentials are invalid	Please contact Client Implementation Manager	
/authn-error/code/EDSPQ2014			Partner-customer relationship verification failed	Check if "obs sub" (Customer Profile ID) in the token claims is correct and entitled to access the corresponding api endpoint	Request Header's Token Values

/authn-error/codes/EHVDERS011			Payload hash in the token claims does not match the HTTP Request Body	Check if the Payload Hash is generated from the HTTP Request Body.	
/problem-details/types/customer-info-invalid	Customer info invalid	403	AuthZ check failed, please check your customer info	Check if valid "sub", "obo.sub" in the token claims is inputted along with a valid auth-z identifier. The Auth-z identifier varies for different API. Please refer to the corresponding specification.	
/problem-details/types/data-not-found		404	data not found	Try to widen the search criteria (Query Parameters in the Get Request)	
/problem-details/types/incorrect-idempotency-key	Header Required Field Incorrect	409	Duplicated X-HSBC-Request-Idempotency-Key: #KeyIdempotencyKeyValue#	Check if the request has already been sent. For a new request, use a new uuid.	
PAYLOAD-INCORRECT	Request Payload Incorrect	422	rovided Key id does not match the key client used on this payload	Check if the correct bank public key is used to encrypt the request.	
/problem-details/types/internal-server-error	Internal Server Error	500	Internal Server Error - This includes uncategorized exceptions	Contact Client Implementation Manager	
/problem-details/types/bad-gateway	Bad Gateway	502			
/problem-details/types/service-unavailable	Service Unavailable	503	Bank System Outage	Retry in a while. Contact Technical Support if Problem persist.	
/problem-details/types/gateway-timeout	Gateway Timeout	504			

Operation Name	Authentication/ Authorization Token	Description	API Authentication is performed using a signed JSON Web Token (JWT). The token must be provided in the header of the HTTP request every time you invoke HSBC's API services. This ensures only authorised and pre-approved organisations can access and utilise our API services.
Actor	Client/ Partner's System		The JWT is generated by the partner, not provided by HSBC. There are many utilities available that can provide JWT generation and validation logic for all commonly used programming languages. The following example uses the 'jsonwebtoken' java library.
Reference	How to generate JSON Web Token	Pre-requisite	1. Client/ Partner Private Encryption Key - for signing the JSON Web Token your system generated. 2. Client/ Partner Public Encryption Key alias - The Public Key should be shared with HSBC as part of the client/ partner on-boarding process. 3. Client/ Partner Profile ID - The identifier HSBC provided you during the on-boarding process. 4. Customer Profile ID - The identifier used to identify the customer of your platform.

Seq No	Field Name	Description	Length	Data Type	Required (Y/N)	Permitted values	Sample Value(s)	Remark
1	HTTP Header	HTTP Header						
1.1	Authorization	A digital signature (token) consists of header and claims, generate by Client/ Partner in every API Request for Authentication .		String	Y	Serialized Compact of JSON Web Token	JWS eyJ2ZXI0aXJlYm95LWQ0Oily--	
1.1.1	header	Header of the token.		Object	Y			
1.1.1.1	typ	Token Type. Must be set to "JWT"	3	String	Y	"JWT"	"JWT"	
1.1.1.2	kid	Public Key Id which HSBC uses to verify JWT signature. HSBC reads the public key by this key ID, from the PGP key file provided by our client/ partners, to verify JWT signature.	16	String	Y	Long.toHex(EncryptionKeyId)	"4DBDAA83163AEC7"	{ "typ": "JWT", "kid": "4DBDAA83163AEC7", "alg": "RS256", "ver": "1.0" }
1.1.1.3	alg	Algorithm to verify the signature on the token. The following algorithms are supported: RS256, RS384, RS512, PS256, PS384, PS512	5	String	Y	RS256, RS384, RS512, PS256, PS384, PS512	"RS256"	
1.1.1.4	ver	HSBC private claim. Currently the partner MUST set it as "1.0"	3	String	Y	1.0	"1.0"	
1.1.2	claims	Claims of the token			Y			
1.1.2.1	jti	Case sensitive unique identifier of the token even among different issuers. There is a negligible probability that the same value will be accidentally assigned to a different data object, if the application uses multiple issuers, collisions MUST be prevented among values produced by different issuers as well. The "jti" claim can be used to prevent the JWT from being replayed. The "jti" value is a case-sensitive string.	36	String	Y	Universally Unique Identifier	"6049e9b2-e82d-467e-ac5c-fcc595be9ca5"	
1.1.2.2	iat	Identifies the time at which the JWT was issued. The value must be a NumericDate. Please note, this time is generated by your system, hence please make sure your system is synchronized with Internet Clock.	10	Long	Y	Current Time in milliseconds / 1000	1717562115	{ "jti": "6049e9b2-e82d-467e-ac5c-fcc595be9ca5", "sub": "TAAS00000", "aud": "baas", "iat": 1717562115, "obo": { "sub": "customer001" } }, "payload_hash_alg": "RSASHA256", "payload_hash": "3cd2a2b75f4d4f8cb..." }
1.1.2.3	sub	Identifies the subject of the JWT. This would be the Client/ Partner API Profile provided from HSBC.		String	Y		"TAAS00000"	
1.1.2.4	obo	On-behalf Of. Only required if you are an aggregation platform		Object	N			
1.1.2.4.1	sub	Customer Profile ID. Unique Identifier you assigned for your platform's customer.	255	String	Y		"customer001"	
1.1.2.5	aud	Identifies the recipients that the JWT is intended for. Always "baas".	4	String	Y	"baas"	"baas"	
1.1.2.6	payload_hash	Hashing value of the HTTP request payload body. This is used for Multi-party to do validation		String	Y	String of Message Digest	"3cd2a2b75f4d4f8cb..."	
1.1.2.7	payload_hash_alg	Hashing algorithm of the payload_hash.		String	Y	RSASHA256, RSASHA384, RSASHA512	"RSASHA256"	
1.2	X-Trade-Finance-Token	A digital signature (token) consists of header and claims, generate by Client/ Partner in every API Request for Authorization .	255	String	Y	Serialized Compact of JSON Web Token	JWS eyJ2ZXI0aXJlYm95LWQ0Oily--	
1.2.1	header					Same as 1.1.1		
1.2.2	claims					Same as 1.1.2		
1.2.2.1	jti					Same as 1.1.2.1		{ "jti": "6049e9b2-e82d-467e-ac5c-fcc595be9ca5", "sub": "TAAS00000", "aud": "baas", "iat": 1717562115, "obo": { "sub": "customer001" } }, "payload_hash_alg": "RSASHA256", "payload_hash": "3cd2a2b75f4d4f8cb..." }
1.2.2.2	iat					Same as 1.1.2.2		
1.2.2.3	sub					Same as 1.1.2.3		
1.2.2.4	obo					Same as 1.1.2.4		
1.2.2.4.1	sub					Same as 1.1.2.4.1		
1.2.2.5	aud					Same as 1.1.2.5		
1.2.2.6	ieCode	Base64 Encoded string of the encrypted ieCode. Please encrypt it with the bank		String	Y	Base64 String	LS0tLS1CRUdJTiBQRiAgTUUVU0FHR-	

Operation Name	Request e-FIRC details	Description	Request Export Other Bank Electronic Foreign Inward Remittance Certificate (FIRC) details along with status
Service Interface	v3/export/remittance/inwards/fircs	Pre-requisite	
HTTP Method	GET	Post condition	
Authorization ID	Customer's ieCode. This value is provided in the JSON Web Token (jwt.claims.ieCode). Please refer to Request Header's Token		Request Header's Token

Message Type		Query Parameters						
Seq No	Field Name	Description	Length	Datatype	Required (Y/N/C)	Pattern	Sample Value(s)	Remark
1	fircNumber	Foreign Inward Remittance Certificate Number	50	String	Y		EFIRC5678910	
2	fircAdCode	Foreign Inward Remittance Certificate Authorized Dealer Code	7	String	Y		6501234	
3	fircDate	Foreign Inward Remittance Certificate Date	10	String	N		2024-03-14	
Request Query Example		Enquire detail of bank FIRC						
		GET ((env-url))/v3/export/remittance/inwards/fircs?fircNumber=0423020TP0000066FIRC&fircAdCode=0004230						

Message Type		Decrypted Response						
Seq No	Field Name	Description	Length	Datatype	Required (Y/N)	Pattern	Sample Value(s)	Remark
1	data		N/A	JSON	Y			
1.1	fircNumber	Foreign Inward Remittance Certificate Number	50	String	Y		IRMJEE1163011	
1.2	fircAdCode	Foreign Inward Remittance Certificate Authorized Dealer Code	7	String	Y		6500000	
1.3	fircAmount			Object	Y			
1.3.1	currency	Inward Remittance Master currency	3	String	Y		USD	
1.3.2	amount	Foreign Inward Remittance Certificate Amount	20	String	Y		1000	
1.3.3	utilized	Foreign Inward Remittance Certificate Utilized Amount	25	String	Y		0	
1.3.4	pending	Foreign Inward Remittance Certificate Utilized Amount	25	String	Y		1000	
1.4	issueDate	Foreign Inward Remittance Certificate Issue Date	10	String	Y		2024-03-14	
1.5	purposeOfRemittance	Purpose of Remittance	10	String	Y		P0102	
1.6	ieCode	Importer Exporter Code	10	String	Y		1234567890	
1.7	expectedUtilizationDate	Expected Utilization Date	10	String	Y		14/03/2024	
1.8	remitterDetail			Object	Y			
1.8.1	name	Remitter Name	50	String	Y		XYZ	
1.8.2	country	Remitter Name	50	String	Y		US	
1.8.3	bankCountry	Remitter Country	2	String	Y		XYZ	
JSON Schema Example - Decrypted								

```

data: {
  "fircNumber": "0423020TP0000066FIRC",
  "fircAdCode": "0004230",
  "fircAmount": {
    "currency": "USD",
    "amount": 2301.84,
    "utilized": 0,
    "pending": 2301.84
  },
  "issueDate": "2020-01-10",
  "purposeOfRemittance": "P0102",
  "ieCode": "0388042150",
  "expectedUtilizationDate": "2021-01-10",
  "remitterDetail": {
    "name": "TYCO ELECTRONICS SHANGHAI CO",
    "country": "CHINA(MAINLAND) PEOPLES REP.",
    "bankCountry": "U.S.A."
  }
}

```

Operation Name	Request IRM details	Description	Request Export Inward Remittance Master (IRM) details along with status
Service Interface	v3/export/remittance/inwards	Pre-requisite	
HTTP Method	GET	Post condition	
Authorization ID	Customer's ieCode. This value is provided in the JSON Web Token (jwt.claims.ieCode). Please refer to Request Header's Token		Request Header's Token

Message Type		Query Parameters						
Seq Id	Field Name	Description	Length	Datatype	Required (Y/N/C)	Pattern	Sample Value(s)	Remark
1	irmNumber	Inward Remittance Master Number	50	String	Y		IRMJEE1163011	

Request Query Example
 Enquire detail of irm GET ((env-url)/v3/export/remittance/inwards?irmNumber=IRM65015228132114816129)

Message Type		Decrypted Response						
Seq Id	Field Name	Description	Length	Datatype	Required (Y/N/C)	Pattern	Sample Value(s)	Remark
1	data		N/A	JSON	Y			
1.1	irmNumber	Inward Remittance Master Number	50	String	Y		IRMJEE1163011	
1.2	adCode	Inward Remittance Master Authorized Dealer Code	7	String	Y		6500000	
1.3	irmStatus	Inward Remittance Master Status	30	String	Y		UNUTILIZED	
1.4	ieCode	Importer Exporter Code	10	String	Y		1234567890	
1.5	ieName	Importer Exporter Name	50	String	Y		XYZ	
1.6	rbIntegrationStatus	The Reserve Bank of India Integration Status	30	String	Y		Acknowledged by RBI	
1.7	expectedUtilizationDate	Expected Utilization Date	10	String	Y		2024-03-14	
1.8	remittanceDetail			Object	Y			
1.8.1	amount			Object	Y			
1.8.1.5	currency	Inward Remittance Master currency	3	String	Y		USD	
1.8.1.2	amount	Inward Remittance Master Amount	25	String	Y		1000	
1.8.1.3	utilized	Inward Remittance Master Utilized Amount	25	String	Y		0	
1.8.1.4	pending	Inward Remittance Master Utilized Amount	25	String	Y		1000	
1.8.2	date	Inward Remittance Master Date	10	String	Y		2024-03-14	
1.8.3	purposeOfRemittance	Purpose of Remittance	10	String	Y		P0103	
1.8.4	swiftOtherBankRefNo	Swift Other Bank Ref Number	50	String	Y		123455	
1.9	remitterDetail			Object	Y			
1.9.1	name	Remitter Name	50	String	Y		XYZ	
1.9.2	address	Remitter Address	100	String	N		XYZ	
1.9.3	country	Remitter Country	2	String	Y		US	
1.9.4	bankCountry	Remitter Bank Country	2	String	Y		US	
1.9.5	bankName	Remitter Bank Name	50	String	Y		XYZ	

JSON Schema Example - Decrypted

```

data: {
  "irmNumber": "IRM65015228132114816129",
  "adCode": "6500114",
  "irmStatus": "PART_UTILIZED",
  "ieCode": "0309025401",
  "ieName": "XXXXXXXXXXXX",
  "rbIntegrationStatus": "Acknowledged by RBI",
  "expectedUtilizationDate": "2018-12-23",
  "remittanceDetail": {
    "amount": {
      "currency": "EUR",
      "amount": 203163.69,
      "utilized": 195238.11,
      "pending": 7925.58
    },
    "date": "2018-03-28",
    "purposeOfRemittance": "P0102",
    "swiftOtherBankRefNo": "CMCIFRPA"
  },
  "remitterDetail": {
    "name": "CASABELLA HOLDINGS LLC",
    "address": "225 NORTH RT 303 UNIT 106 CONGERS NY 10920",
    "country": "FR",
    "bankCountry": "FR",
    "bankName": "CREDIT MUTUEL CIC BANQUES"
  }
}

```

Operation Name	Request Shipping bill or softex details	Description	Request export bill and invoice details along with status
Service Interface	v3/export/shipping-bills	Pre-requisite	
HTTP Method	GET	Post condition	
Authorization ID	Customer's ieCode. This value is provided in the JSON Web Token (jwt.claims.ieCode). Please refer to Request Header's Token		Request Header's Token

Seg Id	Field Name	Description	Length	Datatype	Required (Y/N/C)	Pattern	Sample Value(s)	Remark
1	formNumber	Softex Form Number	20	String	C		F9876546	Mandatory for Softex
2	shippingBillNumber	Shipping Bill Number	7	String	C		6578904	Mandatory for Goods
3	shippingBillDate	Shipping Bill Date	10	String	Y		2023-07-23	
4	portOfLoading	Port Of Loading Code	6	String	Y		INBOM6	

Request Query Example
 GET (env-url)/v3/export/shipping-bills?shippingBillNumber=5890717&shippingBillDate=2017-05-06&portOfLoadingINDIG6

Seg Id	Field Name	Description	Length	Datatype	Required (Y/N/C)	Pattern	Sample Value(s)	Remark
1	data		N/A	JSON	Y			
1.1	formNo	Softex Form Number	20	String	N		F9876546	Optional for Goods
1.2	shippingBillNumber	Shipping Bill Number	7	String	N		6578904	Optional for Softex
1.3	shippingBillDate	Shipping Bill Date	10	String	Y		2023-07-23	
1.4	shippingBillAmount			String	Y			
1.4.1	currency	Shipping Bill Currency	3	String	Y		INBOM6	
1.4.2	amount	Shipping Bill Amount	20	String	Y		2023-07-23	
1.5	portOfLoading	Port Of Loading Code	6	String	Y		2024-04-23	
1.6	leoDate	LEO Date	10	String	Y		LIU8766	
1.7	dueDate	Due Date	10	String	Y		1234567890	
1.8	custNo	Customs Number	20	String	N		6543210	
1.9	ieCode	Importer Exporter Code	10	String	Y		CUSTOMS	
1.10	adCode	Authorized Dealer Code	7	String	Y		GOODS	
1.11	exportAgency	Export Agency	50	String	Y		SG	
1.12	exportType	Export Type	20	String	Y		SGD	
1.13	countryOfDestination	Country Of Destination	2	String	Y		10000.0000	
1.14	directDispatchIndicator	Direct Dispatch Indicator	10	String	N		1	
1.15	adBillNumber	AD Bill Number	200	String	N		AD89872163	Available only when Lodgement is done
1.16	dateOfNegotiation	Date of Negotiation	10	String	N		2023-09-23	Available only when Lodgement is done
1.17	buyer			String	N			
1.17.1	name	Buyer Name	50	String	N		YTS PL	Available only when Lodgement is done
1.17.2	country	Buyer Country	2	String	N		SG	Available only when Lodgement is done
1.18	invoiceDetails	Invoice information. If multiple invoices are available, then response to have multiple data under the invoices		List	Y			
1.18.1	status	Invoice status	100	String	Y		PARTIALLY_PAID	
1.18.2	number	Invoice No	20	String	Y		INV123	
1.18.3	date	Invoice Date	10	String	N		2023-07-23	
1.18.4	serialNo	Invoice Serial No	50	String	Y		1	
1.18.5	fobCharges			String	Y			
1.18.5.1	currency	FOB Currency	3	String	Y		USD	
1.18.5.2	charges	FOB Amount	20	String	Y		200.0000	
1.18.5.3	utilized	Utilized FOB Amount IC	20	String	Y		150	
1.18.6	freightCharges			String	Y			
1.18.6.1	currency	Freight Currency	3	String	N		USD	
1.18.6.2	charges	Freight Charges	20	String	Y		100.0000	
1.18.6.3	utilized	Utilized Freight Charges IC	20	String	Y		50	
1.18.7	insuranceCharges			String	Y			
1.18.7.1	currency	Insurance Currency	3	String	N		USD	
1.18.7.2	charges	Insurance Charges	20	String	Y		100.0000	
1.18.7.3	utilized	Utilized Insurance Amount IC	20	String	Y		50	
1.18.8	commissionCharges			String	Y			
1.18.8.1	currency	Commission Currency	3	String	N		USD	
1.18.8.2	charges	Commission Charges	20	String	Y		10	
1.18.9	discountCharges			String	Y			
1.18.9.1	currency	Discount Currency	3	String	N		USD	
1.18.9.2	charges	Discount Charges	20	String	Y		10	
1.18.10	deductionsCharges			String	Y			
1.18.10.1	currency	Deductions Currency	3	String	N		USD	
1.18.10.2	charges	Deductions Charges	20	String	Y		10	
1.18.11	packagingCharges			String	Y			
1.18.11.5	currency	Packaging Currency	3	String	N		USD	
1.18.11.2	charges	Packaging Charges	20	String	Y		10	

JSON Schema Example - Decrypted

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"data": {
  "formNo": "",
  "shippingBillNumber": "5890717",
  "shippingBillDate": "2017-05-06",
  "shippingBillAmount": {
    "currency": "INR",
    "amount": 2606651
  },
  "portOfLoading": "INDIG6",
  "leoDate": "2017-05-06",
  "dueDate": "2018-02-06",
  "custNo": "XXXXXXXXXXXX",
  "ieCode": "0389062375",
  "adCode": "6500114",
  "exportAgency": "CUSTOMS",
  "exportType": "1",
  "countryOfDestination": "BE",
  "directDispatchIndicator": "1",
  "adBillNumber": "OBPCUN409868UOA",
  "dateOfNegotiation": "2017-11-01",
  "buyer": {
    "name": "XXXXXXXXXXXX",
    "country": "BE"
  },
  "invoiceDetails": [
    {
      "status": "PENDING_PAYMENT",
      "number": "418400122",
      "date": "",
      "serialNo": "1",
      "fobCharges": {
        "currency": "INR",
        "charges": 2606651,
        "utilized": 0
      },
      "freightCharges": {
        "currency": "",
        "charges": 0,
        "utilized": 0
      },
      "insuranceCharges": {
        "currency": "",
        "charges": 0,
        "utilized": 0
      },
      "commissionCharges": {
        "currency": "",
        "charges": 0
      },
      "discountCharges": {
        "currency": "",
        "charges": 0
      },
      "deductionsCharges": {
        "currency": "",
        "charges": 0
      },
      "packagingCharges": {
        "currency": "",
        "charges": 0
      }
    }
  ]
}

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