

Line #	Structure / Elements (level)	Repeat	Type	Size	Values	Description	Notes	Recommendation	LineNumb	Changes from Airport Invoice V1.0.1
									er in	
1	InvoiceTransmission	1				Defines an Invoice transmission file Required Node			1	
2	TransmissionHeader	1				Header Information of the Invoice Transmission File			2	
3	TransmissionDateTime	1	DT			Date and time of transmission of the Invoice file.	This is the local date and time. Time is optional		3	
4	Version	1	AN	50	"IATA:AviationInvoiceV1.0.0"	Current version number of the specification			4	New schema value: "IATA:AviationV1.0.0" (previously: "IATA:AirportInvoiceV1.01"). The length of the element has been increased to
5	TransmissionID	0-1	AN	50		Unique identifier for the TransmissionMessage.  This will be referenced in the Acknowledgment message if used. If only one invoice in the transmission, the transmissionID could be InvoiceNumberYYYY-MM-DDTHH:MM:SS (YYYY-MM-DDTHH:MM:SS being the TransmissionDateTime) The transmissionID allows to easily identify a transmission if it has to be resent after a first attempt failed.  The fields TransmissionID, IssuingOrganizationID, ReceivingOrganizationID are technical fields and typically used by the technical programs that manage the generation and sending of messages. They are not thought to be used by business.			New	The optional fields TransmissionID, IssuingOrganizationID, ReceivingOrganizationID have been added. They allow uniquely identifying a transmission ID (this can be useful if a transmission has to be resent after a communication error for instance) as well as to identify the sender and receiver of a transmission. A transmission can contain several invoices, each invoice having different buyers (the transmission is then sent by the sender to a hub, like InvoiceWorks, that will dispatch the invoices to the right receiver).
6	IssuingOrganizationID	0-1	AN	25		Unique identifier for the entity issuing the transmission			New	
7	ReceivingOrganizationID	0-1	AN	25		Unique identifier for the entity receiving the transmission			New	
8	* TransmissionData @Name	0-20	AN	80		Extension fields.	Name attribute is mandatory and open ended (AN30).		New	Allows modeling customer extension at the header level
9	* Invoice	1-oo							5	
10	InvoiceHeader	1							6	
11	InvoiceNumber	1	AN	30		Invoice Number			7	Length modified to 30 (25 before)
12	InvoiceDate	1	DT			Local date for the invoice			8	
13	InvoiceType	1	AN	25	Dictionary defined: Invoice / CreditNote	Type of invoice as defined in the dictionary			9	Dictionary defined instead of schema defined
14	TransactionType	0-1	AN	25					10	Removed since replaced by ChargeCode at Lineltem level. If needed an extension could be used: <InvoiceData @Name=TransactionType>Final/Prepayment<InvoiceData @Name=TransactionType>
15	TaxInvoiceNumber	0-1	AN	25		Unique tax invoice number for Tax Jurisdiction	This field is only needed: - if required for the issuing or affiliate tax jurisdiction - and if the tax invoice number is different from the invoice number. By default, both are assumed to be one and the same.		11	
16	TaxPointDate	0-1	DT			Date on which tax is due or calculated.	This field is only needed if the tax point date is different from the invoice date. By default, both are assumed to be one and the same.		12	
17	TaxJurisdiction	0-4	AN	25	Dictionary defined: 2-letter-ISO-country-or-province-code:	Controlling tax jurisdiction for taxes			43	Information has been moved from repeatable tax group.
18	LocationCode	0-1	AN	5	Dictionary defined: IATA AirportCode or UN/LOCODE location code	IATA airport code or UN/LOCODE if non-airport for location of goods or services.	A location code should be present on the invoice header if the goods or services are related to a specific location (same location for all line items). This will be used to determine the location of the goods or services.	Location code or Location code ICAO should be instantiated at the highest possible level of the invoice.	14	

Line #	Structure / Elements						Description	Notes	Recommendation	LineNumber in	Changes from Airport Invoice V1.0.1	
	1	2	3	4	5	6 {level}						
19						LocationCode_ICAO	Dictionary defined: ICAO airport code	ICAO airport code	This will typically be the case for airport-related charges, but not necessarily for ANS-related charges.	If it is instantiated at several level, the values should be consistent.	Airport new	Some organisation prefer to use ICAO codes, so this element has been introduced
20						LocationName		Name for location of goods or services.			15	
21						ChargeCategory	Partly Dictionary defined: Misc/ AirNavigation/ Airport/ GroundHandling/ Fuel/ Passes/ Property/ Utilities/ Telecom Party open ended	Supplier-provided coding (as defined in the schema) to distinguish the broad category of services being billed on any one invoice.	ChargeCode gives more details at line item level about the service being invoiced. However the same ChargeCode may be used in combination with the same ChargeCategory as each service provider has its own approach to group the services invoiced in an invoice.	The exact services (with whatever ChargeBasis) for any one code value may not be consistent across multiple suppliers due to the wide variation in charging practices, but these values if present should be consistent for any one supplier.	16	Dictionary defined instead of schema defined. The field ChargeCategory, which is optional in Airport Invoice Standard V1.01, is mandatory in Aviation Invoice Standard V1.0.0. The ChargeCategory Aircraft is renamed Airport. The value GroundHandling has been added.
22						SellerOrganization		Parent node for issuing entity information.	The group SellerOrganization described actually the party sending the invoice. If the party that provided the invoiced services or products is different from the party that generates the invoice, then this last party will be modelled in SellerOrganization. The party that provided the invoiced services or products will be modeled in a group OtherOrganization (with OrganizationType=ServiceProvider)		17	
23						OrganizationID		Identification code for issuing entity	This field is not optional	Should contain the supplier number provided by the buying organization	18	
24						OrganizationName1		Name of issuing entity	Free form text	Legal name is recommended	19	
25						OrganizationName2		Name of issuing entity continuation	Free form text		20	
26						TaxRegistrationID		Company Tax Registration Number	Mandatory only if: - Required by local tax legislation - and the tax registration ID does not differs by tax type.	The TaxRegistrationID should be instantiated at the highest possible level considering the possibility that there may be several TaxRegistrationID for the seller (depending on taxtype, country...). A TaxRegistrationID instantiated at seller level means only one TaxRegistrationID is used for the seller in the whole XML file.	21	
27						CompanyRegistrationID		Company Registration Number	Mandatory if required by local tax legislation		22	
28						ContactName		Contact name			23	
29						ContactDetails					24	
30						ContactType	Dictionary defined: Telephone / Fax / Telex / AFTN / SITA / Email / Website	Type of contact as defined in the schema			25	Dictionary defined instead of schema defined. Values AFTN / SITA / Website added to the dictionary
31						ContactValue			Can be a Telephone, Email, Fax, Telex number...		26	
32						Description			Free form text		27	
33						Address			The SellerOrganization / Address can always be provided in structured form (there's typically only one and the Supplier knows his own address).	Structured data address is recommended.	28	
34						AddressLine1		Typically Street Address.			29	
35						AddressLine2		Typically Street Address.			30	
36						AddressLine3		Typically Street Address.			31	
37						CityName		City Name.		Not mandatory but highly recommended if available	32	
38						SubdivisionCode		Code for a State, Province, County, or Department as defined in ISO 3166-2			33	

Line #	0	1	2	3	4	5	6	Structure / Elements (level)	Repeat	Type	Size	Values	Description	Notes	Recommendation	Airport er in	Changes from Airport Invoice V1.0.1	
39								SubdivisionName	0-1	AN	50		Name for State or Province			34		
40								CountryCode	1	AN	2		Country code as defined in ISO 3166-1			35		
41								CountryCode_ICAO	0-1	AN	2	ICAO country codes				new	This element has been introduced for consistency reasons	
42								CountryName	0-1	AN	50		Country name			36		
43								PostalCode	0-1	AN	50		Postal code		Not mandatory but highly recommended if available	37	Length modified to 50 (35 previously)	
44								* OrganizationData @Name	0-20	AN	80	Attribute Name is partly dictionary defined: CompanyGroup/ UnitPrice/ CurrencyCode/FromCurrencyCode/ ToCurrencyCode/ ExchangeRate/ ExchangeRateDate/ RequestorID/ CompanyRegisteredIn/ TaxRegisteredIn  Attribute Name is partly open ended: Supplier specific extensions fields are allowed under the convention that they start with an short supplier identification	Extension fields  Name attribute is mandatory and AN30. Needed to hold other organization specific information which are not classified within the preceding data sets.  Example for supplier specific extensions: CRCO_ for eurocontrol, NavC_ for NavCanada...  Typically the dictionary based values for the attribute (CompanyGroup/ UnitPrice/ CurrencyCode/ CountryCode_ICAO/ RequestorID...) are not used within the seller organization.			38-39	Additional values in the dictionary (UnitPrice/ CurrencyCode/FromCurrencyCode/ ToCurrencyCode/ ExchangeRate/ ExchangeRateDate/ RequestorID)	
45								BuyerOrganization	1				Buying entity	The group SellerOrganization described actually the party receiving the invoice. If the party that used the invoiced services or products is different from the party that processes the invoice, then this last party will be modeled in BuyerOrganization. The party that provided the invoiced services or products will be modeled in a group OtherOrganization.		40		
46								OrganizationID	1	AN	25		Identification code for buying entity (typically customer				41	
47								OrganizationName1	1	AN	50		Name of buying entity	Free form text			42	
48								OrganizationName2	0-1	AN	50		Name of buying entity continu	Free form text			43	
49								TaxRegistrationID	0-1	AN	25		Company Tax Registration Number				44	
50								CompanyRegistrationID	0-1	AN	25		Company Registration Number	Mandatory if required by local tax legislation			45	
51								ContactName	0-1	AN	50		Contact name				46	
52								* ContactDetails	0-10								47	
53								ContactType	1	AN	25	Dictionary defined: Telephone / Fax / Telex / AFTN / SITA / Email / Website	Type of contact as defined in the schema				48	Dictionary defined instead of schema defined. Values AFTN / SITA / Website added to the dictionary
54								ContactValue	1	AN	35			Can be a Telephone, Email, Fax, Telex number...			49	
55								Description	0-1	AN	80			Free form text			50	
56								Address	1					Structured as well as unstructured Address information are supported. In case of unstructured information, the address information is simply copied into the lines AddressLine1, AddressLine2, AddressLine3, CityName, SubdivisionName, CountryName, PostalCode.	Structured data address is recommended. SubdivisionCode and / or CountryCode if used may ONLY be used if these hold true code values		51	
57								AddressLine1	1	AN	70		If structured address data: Typically Street Address. Otherwise: Free text.				52	
58								AddressLine2	0-1	AN	70		If structured address data: Typically Street Address. Otherwise: Free text.				53	
59								AddressLine3	0-1	AN	70		If structured address data: Typically Street Address. Otherwise: Free text.				54	

Line #	0	1	2	3	4	5	6	(level)	Repeat	Type	Size	Values	Description	Notes	Recommendation	Airport	Changes from Airport Invoice V1.0.1
60									0-1	AN	50	CityName	If structured address data: City Name. Otherwise: Free text.		If structured address data: Not mandatory but highly recommended if available	55	
61									0-1	AN	3	SubdivisionCode	If structured address data: Code for a State, Province, County, or Department as defined in ISO 3166-2. Otherwise: Not instantiated.			56	
62									0-1	AN	50	SubdivisionName	If structured address data: Name for State or Province. Otherwise: Free text.			57	
63									0-1	AN	2	CountryCode	If structured address data: Country code as defined in ISO 3166-1. Otherwise: Not instantiated.		If structured address data: Not mandatory but highly recommended if available	58	
64									0-1	AN	2	CountryCode_ICAO	ICAO country codes			new	This element has been introduced for consistency reasons
65									0-1	AN	50	CountryName	If structured address data: Country name. Otherwise: Free text.			59	
66									0-1	AN	50	PostalCode	If structured address data: Postal code. Otherwise: Free		If structured address data: Not mandatory but highly recommended if available	60	Length modified to 50 (35 previously)
67									0-20	AN	80	* OrganizationData @Name	Attribute Name is partly dictionary defined: CompanyGroup/ UnitPrice/ CurrencyCode/FromCurrencyCode/ ToCurrencyCode/ ExchangeRate/ ExchangeRateDate/ RequestorID/ CompanyRegisteredIn/ TaxRegisteredIn  Attribute Name is partly open ended: Supplier specific extensions fields are allowed under the convention that they start with an short supplier identification	Extension fields  Name attribute is mandatory and AN30. Needed to hold other organization specific information which are not classified within the preceding data sets.  Example for supplier specific extensions: CRCO_ for eurocontrol, NavC_ for NavCanada...		61/62	Additional values in the dictionary (UnitPrice/ CurrencyCode/FromCurrencyCode/ ToCurrencyCode/ ExchangeRate/ ExchangeRateDate/ RequestorID)
68									0-oo			* OtherOrganization				63	Repeat 0-unbounded (0-10 previously)
69									1	AN	25	OrganizationType	Dictionary defined: ShipTo / RemitTo / Corporate / Affiliate / ServiceProvider / ServiceReceiver	Coding as defined in the Dictionary		64	Dictionary defined instead of schema defined. Values ServiceProvider and ServiceReceiver has been added.
70									0-1	AN	25	OrganizationID	Identification code for this entity			65	
71									0-1	AN	50	OrganizationName1	Name of this entity	Free form text	Not mandatory but highly recommended	66	
72									0-1	AN	50	OrganizationName2	Name of this entity continuation	Free form text		67	
73									0-1	AN	25	TaxRegistrationID	Company Tax Registration Number	Mandatory only if required by local tax legislation		68	
74									0-1	AN	25	CompanyRegistrationID	Company Registration Number	Mandatory if required by local tax legislation		69	
75									0-1	AN	50	ContactName	Contact name			70	
76									0-10			* ContactDetails				71	
77									1	AN	25	ContactType	Dictionary defined: Telephone / Fax / Telex / AFTN / SITA / Email / Website	Type of contact as defined in the schema		72	Dictionary defined instead of schema defined. Values AFTN / SITA / Website added to the dictionary
78									1	AN	35	ContactValue		Can be a Telephone, Email, Fax, Telex number...		73	
79									0-1	AN	80	Description		Free form text		74	
80									0-1			Address		Structured as well as unstructured Address information are supported. In case of unstructured information, the address information is simply copied into the lines AddressLine1, AddressLine2, AddressLine3, CityName, SubdivisionName, CountryName, PostalCode.	Structured data address is recommended.	75	
81									0-1	AN	70	AddressLine1	If structured address data: Typically Street Address.			76	
82									0-1	AN	70	AddressLine2	If structured address data: Typically Street Address.			77	
83									0-1	AN	70	AddressLine3	If structured address data: Typically Street Address.			78	
84									0-1	AN	50	CityName	If structured address data: City Name.		Not mandatory but highly recommended if available	79	

Line #	0	1	2	3	4	5	6	{level}	Repeat	Type	Size	Values	Description	Notes	Recommendation	Airport	Changes from Airport Invoice V1.0.1
85								SubdivisionCode	0-1	AN	3		If structured address data: Code for a State, Province, County, or Department as defined in ISO 3166-2			80	
86								SubdivisionName	0-1	AN	50		If structured address data:			81	
87								CountryCode	0-1	AN	2		If structured address data: Country code as defined in		Not mandatory but highly recommended if available	82	
88								CountryCode_ICAO	0-1	AN	2	ICAO country codes				new	This element has been introduced for consistency reasons
89								CountryName	0-1	AN	50		If structured address data: Country name			83	
90								PostalCode	0-1	AN	50		If structured address data: Postal code		Not mandatory but highly recommended if available	84	Length modified to 50 (35 previously)
91								AccountDetails	0-1						This group is highly recommended when OrganizationType="RemitTo"	new	BankAccount Information are now provided in this new group, and not in PaymentTerms any more
92								IBAN	0-1	AN	80					new	
93								SWIFT	0-1	AN	11			Alternate BankCode		new	
94								BankCode	0-1	AN	80		Typically a combination that identifies both the financial institution (e.g. Bank) as well as down to Branch	<BankCode> should satisfy the needs for BankSortCode, RoutingNo, TransitNo, BLZ, BankStateBranchCode... Alternate SWIFT		new	
95								BranchCode	0-1	AN	80		When BankCode only identifies the Bank, then <BranchCode> can be used to identify the Branch			new	
96								BankAccountNo	0-1	AN	80					new	
97								BankAccountName	0-1	AN	80					new	
98								CurrencyCode	0-1	AN	3	based on ISO 4217	CurrencyCode of the BankAccount			new	
99								* OrganizationData @Name	0-20	AN	80	Attribute Name is partly dictionary defined: CompanyGroup/ UnitPrice/ CurrencyCode/FromCurrencyCode/ ToCurrencyCode/ ExchangeRate/ ExchangeRateDate/ RequestorID/ / CompanyRegisteredIn/ TaxRegisteredIn  Attribute Name is partly open ended: Supplier specific extensions fields are allowed under the convention that they start with an short supplier identification	Extension fields  Name attribute is mandatory and AN30. Needed to hold other organization specific information which are not classified within the preceding data sets.  Example for supplier specific extensions: CRCO_ for eurocontrol, NavC_ for NavCanada...		85/86	Additional values in the dictionary (UnitPrice/ CurrencyCode/FromCurrencyCode/ ToCurrencyCode/ ExchangeRate/ ExchangeRateDate/ RequestorID)	
100								PaymentTerms	1				Parent node for payment			87	
101								CurrencyCode	1	AN	3	based on ISO 4217	Overall invoice currency	This is the currency for the charges in this invoice.		88	
102								PaymentTermsType	0-1	AN	25		Code identifying the type of payment terms	Code or descriptive values to be used.		89	
103								Description	0-1	AN	80		Description for payment	Free form text		90	
104								DateBasis	0-1	AN	25	Dictionary defined: Invoice / TaxPoint	Gives the basis date for terms	If not present then invoice date is assumed to be the basis.		91	Dictionary defined instead of schema defined.
105								DiscountPercent	0-1	N	5,2		Discount due date	Restriction: <= 100.00		92	
106								DiscountDueDate	0-1	DT			Discount due date		If DiscountPercent is present then either	93	
107								DiscountDueDays	0-1	N	3		Duration of the validity for the discount offer in days	Restriction: <= 366	DiscountDueDate or DiscountDueDays should be provided.	94	
108								NetDueDate	0-1	DT			Net due Date		Either NetDueDate or NetDueDays should be provided.	95	
109								NetDueDays	0-1	N	3		Number of days till net due payment term	Restriction: <= 366		96	

Line #	Structure / Elements						Repeat	Type	Size	Values	Description	Notes	Recommendation	LineNumber in	
	1	2	3	4	5	6 {level}								Airport	Changes from Airport Invoice V1.0.1
110				*	PaymentData	@Name	0-20	AN	80	Attribute Name is partly dictionary defined: PaymentMethod  Attribute Name is partly open ended: Supplier specific extensions fields are allowed under the convention that they start with an short supplier identification	Extension fields	Name attribute is mandatory and AN30	Bank contact information (SWIFT, IBAN...) should not be located here but OtherOrganization[OrganizationType="RemitTo"]\RemitDetails	97/98	BankAccount Information are now provided in this AccountDetails group of OtherOrganization, and not in PaymentTerms@Name any more. As a consequence, the dictionary for attribute Name is reduced (BankAccountNo/ BankSortCode/ IBAN/ RoutingNo/ SWIFT: Not needed any more in dictionary).
111					PONumber		0-1	AN	35					99	
112				*	InvoiceData	@Name	0-20	AN	80	Attribute name is partly dictionary defined: SalesOrderNumber / SubmitUserID / PreviousInvoiceNumber / CustomerAccountNo / BuyerReference/ CustomerAddressID/ InvoiceTitle/ PeriodFromDate/ PeriodToDate/ TestStatus/TransactionType/DocumentStatus/ BuyerLanguage/ PODate  Attribute Name is partly open ended: Supplier specific extensions fields are allowed under the convention that they start with a short supplier identification  If Name=TransactionType, then possible values for InvoiceData are FinalBill, PrePayment.  If Name=DocumentStatus, then possible values for InvoiceData are Data and Legal (legal being implicit if this element is not instantiated).	Extension fields	Attribute name is mandatory and AN30.  If InvoiceType=CreditNote and InvoiceData Name= PreviousInvoiceNumber is intantiated, then the xml message is a credit note related to PreviousInvoiceNumber. If InvoiceType=Invoice and InvoiceData Name= PreviousInvoiceNumber is intantiated, then the xml message is a correction related to PreviousInvoiceNumber.	For ANS invoices, it is recommended to instantiate PeriodFromDate and PeriodToDate.	100/101	Dictionary extended (new value TransactionType)
113				*	Notes	@Type	0-10	AN	500		Free form text	Note a reference to a previous invoice number or BOL if the current invoice is a credit memo;. Type attribute is optional and open ended (AN25). Example of possible values: Affiliate / Tax / PaymentTerms / Claims / RemitTo / Corporate / etc. For instance: <Notes Type="Corporate">Vorstand / Executive Board: Wolfgang Mayrhuber (Vorsitzender / Chairman) Stephan Gemkow Stefan Lauer</Notes>		102/103	
114				*	Attachment		0-oo							104	
115					AttachmentID		1	AN	50				Typically the file name of the attachment.	105	
116					Description		1	AN	80					106	
117					FileSize		1	N	8		File size in bytes			107	

Line #	Structure / Elements						Description	Notes	Recommendation	LineNumber in		
	1	2	3	4	5	6 {level}				Airport	Changes from Airport Invoice V1.0.1	
118						Layout	This element has no direct use for the biller and should be ignored for automated reconciliation purposes. Where used, it contains lower-level elements outside of those defined by this schema, that define the invoice detail layout such that a transformation process (e.g. in InvoiceWorks) can present the xml invoice detail in the supplier's presentation style.			108		
119						Description				109		
120						Version				110		
121						(any valid XML formatted name)				111		
122						* Lineltem		This is the line items that generally appear on the invoice summary. The line items may be made of line item details.		112		
123						LineltemNumber	Serial line item number	Should be typically sequenced.		113		
124						POLineltemNumber	Corresponding PO line item number, if any.			114		
125						ChargeCode	Dictionary Defined: Runway/Noise/Emission/Parking/Airbridge/Coaching/Passenger/Lounge/CheckIn/Security/Policing/FireService/Baggage/Cargo/Stand/Catering/Cleaning/Airfield/AviationFuel/MotorFuel/IDPass/VehiclePass/Rents/Heating/Refuse/Rates/Insurance/Concession/RoomHire/Electricity/Water/Waste-Sewage/Gas/LineRental/Calls/Network/Installation/Information/Oceanic/EnRoute/Overflight/Approach/Communication/Meteorology/Misc/	Specifies the nature of the service charged	If ChargeCategory is set as AirNavigation, then typically the possible values for ChargeCode are Oceanic / EnRoute/ Terminal / Overflight/ Communication/ Meteorology/ Misc If ChargeCategory is set as Airport, then typically the possible values for ChargeCode are Runway/Noise/Emission/Parking/Airbridge/Coaching/Passenger/Lounge/CheckIn/Security/Policing/FireService/Baggage/Cargo/Stand/Catering/Cleaning/Airfield/AviationFuel/MotorFuel/IDPass/VehiclePass/Rents/Heating/Refuse/Rates/Insurance/Concession/RoomHire/Electricity/Water/Waste-Sewage/Gas/LineRental/Calls/Network/Installation/Information/Misc . However the same ChargeCode may be used in combination with the same ChargeCategory as	new	New mandatory field that specifies the nature of the service charged. Need to define the airport specific part of the dictionary	
126						ChargeBasis	Dictionary defined: Aircraft / Passenger / Flight / Parking / Distance / Bag / Employee / Area / Desk-Gate / Consumption / Misc	Charge basis indicator. Indicates the major factor impacting the charge.			115	Now optional (mandatory previously)
127						Description		Free text that describes the product or service delivered.			116	Size changed from 80 to 240.
128						ProductID		Supplier code for the product or service.			117	
129						StartDate		Start date of the service invoiced	If the line item refers to a specific date on which goods or services were delivered, then no start date is required. If the line item refers to a period during which goods or services were delivered, then the StartDate is required and refers to the start date of that period.		118	
130						EndDate		End date of the service invoiced	If the line item refers to a specific date on which goods or services were delivered, then the EndDate refers to this specific date. If the line item refers to a period during which goods or services were delivered, then the EndDate refers to the end date of that period.		119	
131						LocationCode		IATA airport code or UN/LOCODE if non-airport.	A location code should be given if it is not already present at the invoice header level and if the goods or services are related to a specific location. This will sometimes be the case for airport -related charges, but it may not be relevant for ANS-related charges unless they can be related to a specific airport (e.g. for terminal services)	Location code or Location code ICAO should be instantiated at the highest possible level of the invoice.	120	
132						LocationCode_ICAO		ICAO airport code	If it is instantiated at several level, the values should be consistent.	new	Some organisation prefer to use ICAO codes, so this element has been introduced	
133						LocationName		Location of goods or services.			121	

Line #	0	1	2	Structure / Elements			Repeat	Type	Size	Values	Description	Notes	Recommendation	Airport	Changes from Airport Invoice V1.0.1	
				3	4	5										6
134							1	N	18,4	UOMCode attribute: Dictionary based as defined in UNECE Recomm. 20 (TRADE/CEFACT/2001/20)+Additional entries (see dictionary)	UOMCode is mandatory and AN3 and is the UOM associated with invoice quantity and invoice unit rate.		122/123			
135							1	N	18,4	UnitPrice	Basis unit price, not taking into account any adjustment		124			
136							1	N	18,2	ChargeAmount	Total line item amount taking into account adjustments at line item and line item detail level; not inclusive of taxes.		125			
137							0-oo			* Tax			126			
138							0-1	AN	25	TaxRegistrationID	Required if necessary based on local tax legislation. If there is only one tax registration ID, then it should rather be specified as part of the Seller Organization info.	Not mandatory as there may be taxes without associated registrationID	The TaxRegistrationID should be instantiated at the highest possible level considering the possibility that there may be several TaxRegistrationID for the seller (depending on taxtype, country...).	new	This element has been introduced because it allows specifying the tax registrationID for each tax type	
139							0-1	AN	2	CountryCode	ISO 3166-1	Tax jurisdiction		new	This element has been introduced because it allows specifying the tax jurisdiction for each tax type	
140							0-1	AN	2	CountryCode_ICAO	ICAO country codes	Tax jurisdiction		new	This element has been introduced because it allows specifying the tax jurisdiction for each tax type	
141							0-1	AN	3	SubdivisionCode	ISO 3166-2	Tax jurisdiction. Required for US.	Recommended in countries with several provinces applying different taxes	new	This element has been introduced because it allows specifying the tax jurisdiction for each tax type	
142							1	AN	25	TaxType	Dictionary defined: VAT / GST / QST / HST / Sales / State / Federal			127		
143							0-1	AN	25	TaxCategory	Dictionary defined: Standard / Zero / Higher / Lower / Exempt / OutofScope	Required if necessary based on local tax legislation.		128		
144							0-1	N	5,2	TaxPercent	Required if necessary based			129		
145							0-1	N	18,2	TaxableAmount				130		
146							0-1	N	18,2	TaxAmount				131		
147							0-1	AN	25	TaxLevel	Dictionary defined: Invoice/LineItem/Detail	See detailed definition on the worksheet Notes (Paragrapah TaxGroup)  If no TaxLevel is provided then it is assumed to be equal to the level of the TaxGroup in the invoice.	Required if > 0.00	It is recommended to always instantiate the field TaxLevel, even when the tax amount applies to the level at which the tax group is intantiated.	new	This element has been introduced because it allows specifying at what level a tax is applied
148							0-10	AN	80	* TaxData @Name	Name attribute is partly dictionary defined: TaxCode/ TaxRegisteredIn  Attribute Name is partly open ended: Supplier specific extensions fields are allowed under the convention that they start with a short supplier identification	Extension fields, needed to hold some specific tax information (such as custom field) which are not classified within the preceding data sets.	Attribute Name is mandatory and AN30	132/133	TaxDistribution removed from the dictionary (not necessary anymore as a result of the introduction of the field TaxLevel in the Group Tax).	
149							0-1	N	6	DetailCount		Total number of line item details associated with this line item.		new		

Line #	Structure / Elements						Description	Notes	Recommendation	LineNumber in	Changes from Airport Invoice V1.0.1
	1	2	3	4	5	6 {level}					
150							Extension fields	Attribute Name is mandatory and AN30.		Airport 134/135	Additional value in the dictionary: PriceDate
							Name attribute is partly dictionary defined: CommodityCode / Product-Service Code / PriceDate  Attribute Name is partly open ended: Supplier specific extensions fields are allowed under the convention that they start with a short supplier identification				
151										136	
152							Serial line item detail number			137	
153							Line item that this line detail is associated with			138	
154							Description of the charge	Free text (Overflight, Arrival, Departure,		139	
155							Supplier code for the product or service.			140	
156								If the line item detail refers to a specific date on which goods or services were delivered, then no start date is required. If the line item detail refers to a period during which goods or services were delivered, then the StartDate is required and refers to the start date of that period.		141	
157							End date of the service invoiced.	If the line item detail refers to a specific date on which goods or services were delivered, then the EndDate refers to this specific date. If the line item detail refers to a period during which goods or services were delivered, then the EndDate refers to the end date of that period.		142	
158							UOMCode attribute: Dictionary based as defined in UNECE Recomm. 20 (TRADE/CEFACT/2001/20)+Additional entries (see dictionary)	UOMCode is mandatory and AN3 and is the UOM associated with invoice quantity and invoice unit rate.		143/144	
159							Line item pricing unit rate (taxes excluded)			145	
160							Total line item amount; not inclusive of taxes.			146	
161										147	
162							Required if necessary based on local tax legislation. If there is only one tax	Not mandatory as there may be taxes without associated registrationID		new	This element has been introduced because it allows specifying the tax registrationID for each tax type
163							Tax jurisdiction			new	This element has been introduced because it allows specifying the tax jurisdiction for each tax type
164							Tax jurisdiction			new	This element has been introduced because it allows specifying the tax jurisdiction for each tax type
165							Tax jurisdiction. Required for US.		Recommended in countries with several provinces applying different taxes	new	This element has been introduced because it allows specifying the tax jurisdiction for each tax type
166							Dictionary defined: VAT / GST / QST / HST / Sales / State / Federal			148	
167							Dictionary defined: Standard / Zero / Higher / Lower / Exempt / OutofScope	Required if necessary based on local tax legislation.		149	
168							Required if necessary based			150	
169										151	
170							Total tax for this charge	Required if > 0.00		152	

Line #	Structure / Elements						Repeat	Type	Size	Values	Description	Notes	Recommendation	Airport Element In	Changes from Airport Invoice V1.0.1
	0	1	2	3	4	5									
171							0-1	AN	25	Dictionary defined: Invoice/LinItem/Detail	See detailed definition on the worksheet Notes (Paragraph TaxGroup)  If no TaxLevel is provided then it is assumed to be equal to the level of the TaxGroup in the invoice.		It is recommended to always instantiate the field TaxLevel, even when the tax amount applies to the level at which the tax group is instantiated.	new	This element has been introduced because it allows specifying at what level a tax is applied
172							0-10	AN	80	Name attribute is partly dictionary defined: TaxCode/ TaxRegisteredIn  Attribute Name is partly open ended: Supplier specific extensions fields are allowed under the convention that they start with a short supplier identification	Extension fields, needed to hold some specific tax information (such as custom field) which are not classified within the preceding data sets.	Attribute Name is mandatory and AN30		153/154	TaxDistribution removed from the dictionary (not necessary anymore as a result of the introduction of the field TaxLevel in the Group Tax).
173							0-1			AircraftDetails	Aircrafts elements			155	
174							0-1	AN	10	AircraftRegistrationNo	Registration number of the aircraft with no hyphen between the nationality prefix and the remaining characters.			156	
175							0-1	N	8,4	MaxTakeOffWeight @UOMCode	UOMCode attribute: Dictionary based as defined in UNECE Recomm. 20 (TRADE/CEFACT/2001/20), restricted to mass UOM	Registration number of the aircraft with no hyphen between the nationality prefix and the remaining characters.	UOMCode is mandatory and AN3	157/158	The allowed values for the UOM have been restricted to weight related UOM (Dictionary defined)
176							0-1	N	8,4	WeightFactor	Weight-related factor used in formula to calculate charges.			new	New optional field needed for ANS invoices
177							0-1	AN	3	AircraftTypeCode	Dictionary defined (IATA aircraft type codes)	IATA aircraft types		159	
178							0-1	AN	4	AircraftTypeCode_ICAO	Dictionary defined (ICAO aircraft type codes)	ICAO aircraft types		new	Some organizations prefer using ICAO codes.
179							0-1	AN	25	AircraftTypeName				160	
180							0-1	AN	25	EngineType				161	
181							0-1	AN	25	NoiseClass				162	
182							0-1	AN	25	EmissionClass				163	
183							0-1			FlightDetails	Flight elements			164	
184							0-1	AN	8	FlightNo	Unique flight identifier: Shown in field 7 of the ICAO flight plan consisting of either the aircraft reg. or the flight number (which itself consists of the two or three character airline designator code followed by an up to 4 digit number with optional Quebec single suffix letter).			165	Definition has been reformulated. Previously: "Flight number consisting of the two or three character airline designator code followed by an up to 4 digit number with optional Quebec single suffix letter"
185							0-1	DT		FlightDateTime	Date&Time allowing to identify the flight the service is related to			166	Definition has been formulated (no definition previously)
186							0-1	AN	25	FlightDirection	Dictionary defined: Arrival / Departure	Typically not used by ANS		167	Dictionary defined instead of schema defined.
187							0-1	AN	1	FlightTypeCode	IATA service type code	IATA service type code that distinguishes the type of flight.		168	
188							0-1	AN	25	FlightZone	Dictionary defined: International / Domestic			169	Dictionary defined instead of schema defined.

Line #	0	1	2	3	4	5	6	Structure / Elements {level}	Repeat	Type	Size	Values	Description	Notes	Recommendation	LineNum ber in	Airport	Changes from Airport Invoice V1.0.1
189					*			PassengerCount @Type	0-oo	N	3	Type attribute is open ended. Possible values: Total / Terminal / Transfer / Transit / TransferTransit		Attribute Type is optional and AN25			170/171	
190					*			BagCount @Type	0-oo	N	4			Attribute Type is optional and AN25 and open ended			172/173	
191								Origin-Destination	0-1	AN	3		This must be the three-character IATA Airport code for the initial origin (FlightDirection = Arrival) or final destination (FlightDirection = Departure) of this flight. For Nav charges, this is the 5 digit code for waypoint/airway (ICAO)				174	Removed as it can be represented in the newly introduced RouteDetails group.
192									0-1	N	8,3	UOMCode attribute: Dictionary based as defined in UNECE Recomm. 20 (TRADE/CEFACT/2001/20)		Attribute UOMCode is AN3			175/176	Removed as it can be represented in the newly introduced RouteDetails group.
193								Distance@UOMCode DistanceType	0-1	AN	25	Dictionary defined: GreatCircle / Departure					177 (moved)	Removed as it can be represented in the newly introduced RouteDetails group.
194					*			RouteDetails	0-oo						For each RouteDetail group, either "Latitude+Longitude" or "Waypoint" and/or "LocationCode" should be instantiated		new	Introduce to model route details (needed for ANS invoices)
195								LocationCode @Type	0-1	AN	5	Locationcode is Dictionary based: 3-character IATA airport code or UN/LOCODE location code if non airport  Type attribute is open ended. Possible values: Origin / Destination / FirstPortOfCall / LastPortOfCall / Intermediate		Type attribute is mandatory and AN25.			new	
196								LocationCode_ICAO @Type	0-1	AN	4	Locationcode is Dictionary based: 4-character ICAO airport code.  Type attribute is open ended. Possible values: Origin / Destination / FirstPortOfCall / LastPortOfCall / Intermediate	ICAO airport code.	Type attribute is mandatory and AN25.			new	
197								CountryCode	0-1	AN	2	Dictionary defined: ISO 3166-1					new	
198								CountryCode_ICAO	0-1	AN	2	Dictionary defined: ICAO country codes					new	
199								SubdivisionCode	0-1	AN	3	Dictionary defined in ISO 3166-2		Required for US.			new	
200								WaypointCode @Type	0-1	AN	5	WaypointCode is open ended  Type attribute is open ended. Possible values: Entry / Exit / Intermediate	Waypoint identifying when the service of the flight started (Entry), ended (Exit), or any intermediate waypoint (intermediate)	Type attribute is mandatory and AN25.			new	
201								Latitude	0-1	AN	9		Route point coordinate	Format: #n:nn:nnN/S			new	
202								Longitude	0-1	AN	10		Route point coordinate	Format: ##n:nn:nnE/W			new	
203								RouteDateTime @Type	0-1	DT		Type attribute is open ended: possible values are Entry / Exit / Overhead / Intermediate		Type attribute is mandatory and AN25.			new	
204								Distance @UOMCode	0-1	N	8,3	UOMCode attribute: Dictionary based as defined in UNECE Recomm. 20 (TRADE/CEFACT/2001/20), restricted to length UOM (plus each)		Attribute UOMCode is mandatory and AN3			175/176	
205								DistanceFactor	0-1	N	8,4		Distance-related factor used				new	
206								DistanceType	0-1	AN	25	Dictionary defined: GreatCircle / Actual					177 (moved)	

Line #	0	1	2	3	4	5	6	Structure / Elements (level)	Repeat	Type	Size	Values	Description	Notes	Recommendation	Airport er in	Changes from Airport Invoice V1.0.1	
207					*			RouteData @Name	0-20	AN	80			Name is mandatory and AN30 (open ended).		new		
208								ParkingDetails	0-1							178		
209								StandNo	0-1	AN	4					179		
210								StandType	0-1	AN	25	Dictionary defined: OnPier / Remote				180		
211								OnStandDateTime	0-1	DT						181		
212								OffStandDateTime	0-1	DT						182		
213								EmployeeDetails	0-1							183		
214								StaffID	0-1	AN	10					184		
215								StaffName	0-1	AN	50			Free text		185		
216								StaffForename	0-1	AN	30			Free text		186		
217								StaffSurname	0-1	AN	30			Free text		187		
218								PassNo	0-1	AN	30		Pass Number	Free text		188		
219								PassIssueDate	0-1	DT			Issue date of pass			189		
220								PassExpiryDate	0-1	DT			Expiry date of pass			190		
221								IssueDescription	0-1	AN	80			Reason for issue	Free text		191	
222								AreaDetails	0-1							192		
223								ArealD	0-1	AN	50					193		
224								AreaName	0-1	AN	80					194		
225								AreaLocationID	0-1	AN	50					195		
226								AreaLocationName	0-1	AN	80			Free text		196		
227								Address	0-1							new		
228								AddressLine1	0-1	AN	70		Typically Street Address.			new	New group added as a result of the DAA implementation of the airport Invoice Standard	
229								AddressLine2	0-1	AN	70		Typically Street Address.			new		
230								AddressLine3	0-1	AN	70		Typically Street Address.			new		
231								CityName	0-1	AN	50		City Name.			new		
232								SubdivisionCode	0-1	AN	3		Code for a State, Province, County, or Department as defined in ISO 3166-2			new		
233								SubdivisionName	0-1	AN	50		Name for State or Province			new		
234								CountryCode	0-1	AN	2		Country code as defined in ISO 3166-1			new		
235								CountryCode_ICAO	0-1	AN	2	ICAO country codes				new	This element has been introduced for consistency reasons	
236								CountryName	0-1	AN	50		Country name			new		
237								PostalCode	0-1	AN	50		Postal code			new		
238								AreaSize @UOMCode	0-1	N	18,4	UOMCode attribute: Dictionary based as defined in UNECE Recomm. 20 (TRADE/CEFACT/2001/20), restrited to surface plus each	UOMCode is mandatory and AN3			197/198	The allowed values for the UOM have been restricted to surface related UOM (+each)(Dictionary defined)	
239								AreaType	0-1	AN	80			Free text		199		
240								AgreementNo	0-1	AN	80			Free text		200		
241								Desk-GateDetails	0-1							201		
242								DeskID	0-1	AN	8			Free text		202		
243								DeskLocationName	0-1	AN	80			Free text		203		
244								DeskType	0-1	AN	25			Free text		204		
245								ConsumptionDetails	0-1							205		
246								MeterID	0-1	AN	10			Free text		206		
247								MeterLocationName	0-1	AN	80			Free text		207		
248								StartReading	0-1	N	18,4					208		
249								StartDateTime	0-1	DT						209		
250								StartEstimate	0-1	AN	25	Schema defined: Yes / no				210		
251								EndReading	0-1	N	18,4					211		
252								EndDateTime	0-1	DT						212		
253								EndEstimate	0-1	AN	25	Schema defined: Yes / no				213		

Line #	0	1	2	3	4	5	6	Structure / Elements (level)	Repeat	Type	Size	Values	Description	Notes	Recommendation	Airport er in	Changes from Airport Invoice V1.0.1	
254								ConsumedUnits @UOMCode	0-1	N	18,4	UOMCode attribute: Dictionary based as defined in UNECE Recomm. 20 (TRADE/CEFACT/2001/20)+Additional entries (see dictionary)		UOMCode is mandatory and AN3		214/215		
255								MiscDetails	0-1					Needed to hold other charges which are not		216		
256								* MiscData @Name @UOMCode	1-oo	AN	2000	Name attribute is partially dictionary based: AircraftVisitNo/ BookingNumber/ ConsumedUnits/ DocketNumber/ EndEstimate/ EndReading/ FlightID/ LinkFlightDateTime/ LinkFlightNo/ MeterID/ MeterLocationName/ MoreDescription/ OffStandDateTime/ OnStandDateTime/ PassHotstampNo/ PassType/ StandNo/ StartEstimate/ StartReading/ SupplyType/ MTOWSource/ ContractNumber/ ContractStartDate/ ContractEndDate/ PriceDate/VehicleRegistrationNo / ICAO_AnnexNo/ SalesOrderNumber/ LinkStandNo/ LinkOnStandDateTime/ ParkingDuration @UOMCode/ EquipmentNo  Attribute Name is partly open ended: Supplier specific extensions fields are allowed under the convention that they start with a short supplier identification  UOMCode attribute: Standard based UNECE Recomm. 20 (TRADE/CEFACT/2001/20) +additional entries (see dictionary)  MiscData is dictionary based when Name="MTOWSource". Possible values are: Manufacturer, AircraftType, Aircraft	Extension fields  Attribute Name is mandatory and AN30 Attribute UOMcode is optional and AN3. Minimum length = 2.  If these charges are solely specific to the supplier for their own presentation purpose, or are very specific to that organization charges, then the Name attribute should take a prefix of the Organization's acronym, the IATA Airport code, or Airline designation code as appropriate (e.g., an Airport "XXX" has a reduced International passenger rate for the Republic of Ireland which is very much a local consideration for the United Kingdom. A common schema field would only have values of 'International' or 'Domestic'. Airport XXX could therefore use an additional name-value pair for the extra distinction that they make Name="XXX_IntDomInd").		217/218/219	Dictionary has been extended: Previous dictionary: AircraftTypeCode_ICAO, AircraftVisitNo, BookingNumber, ConsumedUnits, DocketNumber, EndEstimate, EndReading, FlightID, LinkFlightDateTime, LinkFlightNo, LocationCode_ICAO, MeterID, MeterLocationName, MoreDescription, OffStandDateTime, OnStandDateTime, PassHotstampNo, PassType, StandNo, StartEstimate, StartReading, SupplyType, VehicleRegistrationNo		
257								InvoiceSummary	1				Invoice summary information			220		
258								TotalAmount	1	N	18,2		Total amount due on the invoice, including all taxes, fees, and taking into account all Adjustments			221		
259								* Tax	0-oo						In some jurisdiction, a tax summary per tax type is mandatory, so it is best practice to always provide a total Tax amount per RegistrationID/Country/SubdivisionCode/TaxType. If the tax is not applied at the top level, then TaxLevel must be set as "I"	222		
260								TaxRegistrationID	0-1	AN	25			Not mandatory as there may be taxes without associated registrationID		new	This element has been introduced because it allows specifying the tax registrationID for each tax type	
261								CountryCode	0-1	AN	2	ISO 3166-1	Tax jurisdiction			new	This element has been introduced because it allows specifying the tax jurisdiction for each tax type	
262								CountryCode_ICAO	0-1	AN	2	ICAO country codes	Tax jurisdiction			new	This element has been introduced because it allows specifying the tax jurisdiction for each tax type	
263								SubdivisionCode	0-1	AN	3	ISO 3166-2	Tax jurisdiction. Required for US.		Recommended in countries with several provinces applying different taxes	new	This element has been introduced because it allows specifying the tax jurisdiction for each tax type	
264								TaxType	1	AN	25	Dictionary defined: VAT / GST / QST / HST / Sales / State / Federal				223		
265								TaxCategory	0-1	AN	25	Dictionary defined: Standard / Zero / Higher / Lower / Exempt / OutofScope	Required if necessary based on local tax legislation.				224	
266								TaxPercent	0-1	N	5,2		Required if necessary based			225		
267								TaxableAmount	0-1	N	18,2					226		

Line #	Structure / Elements						Description	Notes	Recommendation	LineNumber in							
	1	2	3	4	5	6 {level}				Repeat	Type	Size	Values	Airport	Changes from Airport Invoice V1.0.1		
268							TaxAmount	0-1	N	18,2		Total tax for this charge	Required if > 0.00		227		
269							TaxLevel	0-1	AN	25	Dictionary defined: Invoice/LinItem/Detail	See detailed definition on the worksheet Notes (Paragraph TaxGroup)	If no TaxLevel is provided then it is assumed to be equal to the level of the TaxGroup in the invoice.		It is recommended to always instantiate the field TaxLevel, even when the tax amount applies to the level at which the tax group is instantiated.	new	This element has been introduced because it allows specifying at what level a tax is applied
270							* TaxData @Name	0-10	AN	80	Name attribute is partly dictionary defined: TaxCode/ TaxRegisteredIn  Attribute Name is partly open ended: Supplier specific extensions fields are allowed under the convention that they start with a short supplier identification	Extension fields, needed to hold some specific tax information (such as custom field) which are not classified within the preceding data sets.	Attribute Name is mandatory and AN30		228/229	TaxDistribution removed from the dictionary (not necessary anymore as a result of the introduction of the field TaxLevel in the Group Tax).	
271							<b>LinItemCount</b>	1	N	6						230	
272							<b>TotalLinItemAmount</b>	1	N	18,2		Sum of all line item amounts (ChargeAmount), exclusive of taxes. It does not take into account adjustments applied at invoice header level				231	
273							<b>TotalTaxAmount</b>	1	N	18,2		Total tax amount due on the invoice.				232	
274							AttachmentCount	0-1	N	6						233	
275							<b>TransmissionSummary</b>	1								234	
276							<b>InvoiceCount</b>	1	N	6		Number of invoices in this transmission.	Restriction: >=1 and <= 100000			235	
277							* <b>TotalAmount @CurrencyCode</b>	1-oo	N	18,2		Amount sub-totaled by currency code for the totality of invoices in the transmission (including VAT, taking into account discount)	CurrencyCode attribute (mandatory, AN3) follows ISO 4217			236/237	
278							* <b>TotalTaxAmount @CurrencyCode</b>	1-oo	N	18,2		Tax amount sub-totaled by currency code for the totality of invoices in the transmission.	CurrencyCode attribute (mandatory, AN3) follows ISO 4218			238/239	
279							AttachmentCount	0-1	N	6		Number of attachments				240	