Line #	Structure / Elements 0 1 2 3 4 5 6 {level}	Repeat	Type	Size	Values	Description	Notes	Recommendation	LineNumber in Airport	Changes from Airport Invoice V1.0.1
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 TransmissionMesage.	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 TransmissionDataTime) 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 LineItem level. If needed an extension could be used: <InvoiceData@Name=TransactionType>Final/ Prepayment<InvoiceData@Name=Transaction Type>
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	0-1	AN	25	Dictionary defined: 2 letter ISO country or province code.	Controlling tax jurisdiction for taxes			13	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).	Location code or Location code ICAO should be instantiated at the highest possible level of the invoice. If it is instantiated at a header level, then	14	

Line #	Structure / Elements 0 1 2 3 4 5 6 {level}	Repeat	Type	Size	Values	Description	Notes	Recommendation	LineNumber in Airport	Changes from Airport Invoice V1.0.1
19	LocationCode_ICAO	0-1	AN	4	Dictionary defined: ICAO airport code	ICAO airport code	items). 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.	new	Some organisation prefer to use ICAO codes, so this element has been introduced
20	LocationName	0-1	AN	50		Name for location of goods or services.			15	
21	**ChargeCategory**	1	AN	25	Partly Dictionary defined: Misc/ AirNavigation/ Airport/ GroundHandling/ Fuel/ Passes/ Property/ Utilities/ Telecom Partly 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**	1				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**	1	AN	25		Identification code for issuing entity	This field is not optional	Should contain the supplier number provided by the buying organization	18	
24	**OrganizationName1**	1	AN	50		Name of issuing entity	Free form text	Legal name is recommended	19	
25	OrganizationName2	0-1	AN	50		Name of issuing entity continuation	Free form text		20	
26	TaxRegistrationID	0-1	AN	25		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	0-1	AN	25		Company Registration Number	Mandatory if required by local tax legislation		22	
28	ContactName	0-1	AN	50		Contact name			23	
29	* ContactDetails	0-10							24	
30	**ContactType**	1	AN	25	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**	1	AN	35			Can be a Telephone, Email, Fax, Telex number…		26	
32	Description	0-1	AN	80			Free form text		27	
33	**Address**	1					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**	1	AN	70		Typically Street Address.			29	
35	AddressLine2	0-1	AN	70		Typically Street Address.			30	
36	AddressLine3	0-1	AN	70		Typically Street Address.			31	
37	CityName	0-1	AN	50		City Name.		Not mandatory but highly recommended if available	32	
38	SubdivisionCode	0-1	AN	3		Code for a State, Province, County, or Department as defined in ISO 3166-2			33	

Line #	Structure / Elements 0 1 2 3 4 5 6 {level}	Repeat	Type	Size	Values	Description	Notes	Recommendation	LineNumber in Airport	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 modelled 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 #	Structure / Elements 0 1 2 3 4 5 6 {level}	Repeat	Type	Size	Values	Description	Notes	Recommendation	LineNumber in Airport	Changes from Airport Invoice V1.0.1
60	CityName	0-1	AN	50		If structured address data: City Name. Otherwise: Free text		If structured address data: Not mandatory but highly recommended if available	55	
61	SubdivisionCode	0-1	AN	3		If structured address data: Code for a State, Province, County, or Department as defined in ISO 3166-2. Otherwise: Not instantiated.			56	
62	SubdivisionName	0-1	AN	50		If structured address data: Name for State or Province. Otherwise: Free text.			57	
63	CountryCode	0-1	AN	2		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	CountryCode_ICAO	0-1	AN	2	ICAO country codes				new	This element has been introduced for consistency reasons
65	CountryName	0-1	AN	50		If structured address data: Country name. Otherwise: Free text.			59	
66	PostalCode	0-1	AN	50		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	* 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…		61/62	Additional values in the dictionary (UnitPrice/ CurrencyCode/FromCurrencyCode/ ToCurrencyCode/ ExchangeRate/ ExchangeRateDate/ RequestorID)
68	* OtherOrganization	0-oo							63	Repeat 0-unbounded (0-10 previously)
69	**OrganizationType**	1	AN	25	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	OrganizationID	0-1	AN	25		Identification code for this entity			65	
71	OrganizationName1	0-1	AN	50		Name of this entity	Free form text	Not mandatory but highly recommended	66	
72	OrganizationName2	0-1	AN	50		Name of this entity continuatio	Free form text		67	
73	TaxRegistrationID	0-1	AN	25		Company Tax Registration Nu	Mandatory only if required by local tax legislation		68	
74	CompanyRegistrationID	0-1	AN	25		Company Registration Number	Mandatory if required by local tax legislation		69	
75	ContactName	0-1	AN	50		Contact name			70	
76	* ContactDetails	0-10							71	
77	**ContactType**	1	AN	25	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	**ContactValue**	1	AN	35			Can be a Telephone, Email, Fax, Telex number…		73	
79	Description	0-1	AN	80			Free form text		74	
80	Address	0-1					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.	75	
81	AddressLine1	0-1	AN	70		If structured address data: Typically Street Address.			76	
82	AddressLine2	0-1	AN	70		If structured address data: Typically Street Address.			77	
83	AddressLine3	0-1	AN	70		If structured address data: Typically Street Address.			78	
84	CityName	0-1	AN	50		If structured address data: City Name.		Not mandatory but highly recommended if available	79	

Line #	Structure / Elements (0 1 2 3 4 5 6 {level})	Repeat	Type	Size	Values	Description	Notes	Recommendation	LineNumber in 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	BankAccound 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 identifes 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			Restriction: <= 100.00		92	
106	DiscountDueDate	0-1	DT			Discount due date		If DiscountPercent is present then either DiscountDueDate or DiscountDueDays should be provided.	93	
107	DiscountDueDays	0-1	N	3		Duration of the validity for the discount offer in days	Restriction: <= 366		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 # 0 1 2 3 4 5 6 {level}	Repeat	Type	Size	Values	Description	Notes	Recommendation	Airport	Changes from Airport Invoice V1.0.1
								LineNumber in	
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	BankAccound 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 (0 1 2 3 4 5 6 {level})	Repeat	Type	Size	Values	Description	Notes	Recommendation	LineNumber in Airport	Changes from Airport Invoice V1.0.1
118	Layout	0-1				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	0-1	AN	80					109	
120	Version	0-1	AN	50					110	
121	{any valid XML formatted name}	0-oo							111	
122	* LineItem	1-oo					This is the line items that generally appear on the invoice summary. The line items may be made of line item details.		112	
123	LineItemNumber	1	N	6		Serial line item number		Should be typically sequenced.	113	
124	POLineItemNumber	0-1	N	6		Corresponding PO line item number, if any.			114	
125	ChargeCode	1	AN	25	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	0-1	AN	25	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	1	AN	240		Free text that describes the product or service delivered.			116	Size changed from 80 to 240.
128	ProductID	0-1	AN	25		Supplier code for the product or service.			117	
129	StartDate	0-1	DT			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	1	DT			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	0-1	AN	5		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. If it is instantiated at several level, the values should be consistent.	120	
132	LocationCode_ICAO	0-1	AN	4		ICAO airport code			new	Some organisation prefer to use ICAO codes, so this element has been introduced
133	LocationName	0-1	AN	50		Location of goods or services.			121	

Line # 0 1 2 3 4 5 6 {level}	Repeat	Type	Size	Values	Description	Notes	Recommendation	Airport	Changes from Airport Invoice V1.0.1
134 Quantity @UOMCode	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 UnitPrice	1	N	18,4		Basis unit price, not taking into account any adjustment			124	
136 ChargeAmount	1	N	18,2		Total line item amount taking into account adjustments at line item and line item detail level; not inclusive of taxes.			125	
137 * Tax	0-oo							126	
138 TaxRegistrationID	0-1	AN	25		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 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
140 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
141 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
142 TaxType	1	AN	25	Dictionary defined: VAT / GST / QST / HST / Sales / State / Federal				127	
143 TaxCategory	0-1	AN	25	Dictionary defined: Standard / Zero / Higher / Lower / Exempt / OutofScope	Required if necessary based on local tax legislation.			128	
144 TaxPercent	0-1	N	5,2		Required if necessary based			129	
145 TaxableAmount	0-1	N	18,2					130	
146 TaxAmount	0-1	N	18,2		Total tax for this charge	Required if > 0.00		131	
147 TaxLevel	0-1	AN	25	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.		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 * 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		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 DetailCount	0-1	N	6		Total number of line item details associated with this line item.			new	

Line # 0 1 2 3 4 5 6 {level}	Repeat	Type	Size	Values	Description	Notes	Recommendation	Airport	Changes from Airport Invoice V1.0.1
150 * LineItemData @Name	0-10	AN	80	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	Extension fields	Attribute Name is mandatory and AN30.		134/135	Additional value in the dictionary: PriceDate
151 * LineItemDetail	1-oo							136	
152 DetailNumber	1	N	6		Serial line item detail number			137	
153 LineItemNumber	1	N	6		Line item that this line detail is associated with			138	
154 Description	1	AN	240		Description of the charge	Free text (Overflight, Arrival, Departure,		139	
155 ProductID	0-1	AN	25		Supplier code for the product or service.			140	
156 StartDate	0-1	DT				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 EndDate	1	DT			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 Quantity @UOMCode	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.		143/144	
159 UnitPrice	1	N	18,4		Line item pricing unit rate (taxes excluded)			145	
160 ChargeAmount	1	N	18,2		Total line item amount; not inclusive of taxes.			146	
161 * Tax	0-oo							147	
162 TaxRegistrationID	0-1	AN	25		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 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
164 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
165 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
166 TaxType	1	AN	25	Dictionary defined: VAT / GST / QST / HST / Sales / State / Federal				148	
167 TaxCategory	0-1	AN	25	Dictionary defined: Standard / Zero / Higher / Lower / Exempt / OutofScope	Required if necessary based on local tax legislation.			149	
168 TaxPercent	0-1	N	5,2		Required if necessary based			150	
169 TaxableAmount	0-1	N	18,2					151	
170 TaxAmount	0-1	N	18,2		Total tax for this charge	Required if > 0.00		152	

Line # 0 1 2 3 4 5 6 {level} Structure / Elements	Repeat	Type	Size	Values	Description	Notes	Recommendation	Airport (LineNumber in)	Changes from Airport Invoice V1.0.1
171 TaxLevel	0-1	AN	25	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.		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
172 * 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		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 AircraftDetails	0-1				Aircrafts elements			155	
174 AircraftRegistrationNo	0-1	AN	10		Registration number of the aircraft with no hyphen between the nationality prefix and the remaining characters.			156	
175 MaxTakeOffWeight **@UOMCode**	0-1	N	8,4	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 WeightFactor	0-1	N	8,4		Weight-related factor used in formula to calculate charges.			new	New optional field needed for ANS invoices
177 AircraftTypeCode	0-1	AN	3	Dictionary defined (IATA aircraft type codes)	IATA aircraft types			159	
178 AircraftTypeCode_ICAO	0-1	AN	4	Dictionary defined (ICAO aircraft type codes)	ICAO aircraft types			new	Some organizations prefer using ICAO codes.
179 AircraftTypeName	0-1	AN	25					160	
180 EngineType	0-1	AN	25					161	
181 NoiseClass	0-1	AN	25					162	
182 EmissionClass	0-1	AN	25					163	
183 FlightDetails	0-1				Flight elements			164	
184 FlightNo	0-1	AN	8		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 FlightDateTime	0-1	DT			Date&Time allowing to identify the flight the service is related to			166	Definition has been formulated (no definition previously)
186 FlightDirection	0-1	AN	25	Dictionary defined: Arrival / Departure		Typically not used by ANS		167	Dictionary defined instead of schema defined.
187 FlightTypeCode	0-1	AN	1	IATA service type code	IATA service type code that distinguishes the type of flight.			168	
188 FlightZone	0-1	AN	25	Dictionary defined: International / Domestic				169	Dictionary defined instead of schema defined.

Line #	Structure / Elements 0 1 2 3 4 5 6 {level}	Repeat	Type	Size	Values	Description	Notes	Recommendation	LineNumber 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	Distance @UOMCode	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	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 {level} Structure / Elements	Repeat	Type	Size	Values	Description	Notes	Recommendation	LineNumber in Airport	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	AreaID	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 {level} Structure / Elements	Repeat	Type	Size	Values	Description	Notes	Recommendation	LineNumber in Airport	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 #	0 1 2 3 4 5 6 {level} Structure / Elements	Repeat	Type	Size	Values	Description	Notes	Recommendation	LineNumber in 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/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.		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
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	**LineItemCount**	1	N	6					230	
272	**TotalLineItemAmount**	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	**TotalTaxAmount**	1	N	18,2		Total tax amount due on the invoice.			232	
274	AttachmentCount	0-1	N	6					233	
275	**TransmissionSummary**	1							234	
276	**InvoiceCount**	1	N	6		Number of invoices in this transmission.	Restriction: >=1 and <= 100000		235	
277	*** TotalAmount @CurrencyCode**	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	*** TotalTaxAmount @CurrencyCode**	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	