MCT UPDATE TEMPLATE

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↗ MCTS can be filed with OAG in the new format introduced in Nov 2019

↗ A standardised submission template was created using action indicator values of A to identify additional rows and D to identify rows for deletion

↗ To change a row the existing record is first marked to delete and then the replacement row is added

MCT UPDATE TEMPLATE

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ACTION INDICATOR	STATION		CONNECTION	TIME	ARR CARRIER			ARR FLIGHT #		DEPARTURE CARRIER			DEPART FLIGHT #	
(A/D)	ARR	DEPT	STATUS	HHMM	Carrier	Codeshare Indicator	Codeshare Operating	Range Start	Range End	Carrier	Codeshare Indicator	Codeshare Operating	Range Start	Range End

TERMINAL		STATION		STATE		COUNTRY		REGION		AIRCRAFT TYPE		AIRCRAFT BODY (W/N)		SUPPRESSIONS				DATE	
Arrive	Depart	Prev	Next	Prev	Next	Prev	Next	Prev	Next	Arrive	Depart	Arrive	Depart	Suppression Indicator (Y/N)	Region	Country	State	Effective From	Effective To

↗ The Template supports 'Adds' and 'Deletes'

↗ OAG will upload directly and validate the data when processing

↗ Concurrence will still be required

↗ A copy of the template is located on the SISC website: www.iata.org/sisc or available from OAG

↗ The data elements in the template are not listed in the hierarchy priority order

FILING MCTS

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- ↗ Both Departure and Arrival Station must always be specified except where using a Geographical Suppression

- ↗ Departure and Arrival Wide and Narrow body Type field now separate Aircraft Type

- ↗ The Filing Date will be included in the global distribution file

- ↗ A Submitting Carrier Identifier field to be populated by data Aggregators for distribution

- ↗ A new Data Submission Template

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SUPPRESSIONS

↗ MCT suppressions can be filed by:

- State
- Country
- Region

↗ When matching flights for connection building, if no MCT exception is found then the Geographical Suppressions should be searched to determine if a connection can be built before applying to the Airport Standard or Status Defaults

EXAMPLE OF A GEOGRAPHICAL SUPPRESSION

↗ AA suppressing connecting onto VY globally but allowing connections at Barcelona and Rome.

STATION		CONNECTION	TIME	ARR CARRIER			ARR FLIGHT #		DEPARTURE CARRIER			DEPART FLIGHT #		SUPPRESSIONS			
ARR	DEPT	STATUS	HHMM	Carrier	Codeshare Indicator	Codeshare Operating	Range Start	Range End	Carrier	Codeshare Indicator	Codeshare Operating	Range Start	Range End	Suppression Indicator (Y/N)	Region	Country	State
		II		AA					VY					Y			
		ID		AA					VY					Y			
BCN	BCN	ID	0200	AA					VY					N			
FCO	FCO	II	0200	AA					VY					N			

CODESHARE PROCESSING WHEN CONNECTION BUILDING

- ↗ Codeshare is determined by the presence of a DEI 50 on the flight schedule

- ↗ Processing will look for a DEI 50 for each flight segment it is trying to build a connection with

- ↗ If there is a DEI 50, it will look to match with a codeshare MCT i.e. where "Y" is specified in the Codeshare Indicator field

- ↗ If there isn't a codeshare MCT that fits the flight, it will look for an operating MCT for the flight specified by the DEI50

- ↗ A marketing MCT will override an operating MCT

- ↗ If there is not a DEI50 on the flight segment, processing will look for a corresponding operating MCT (without the Codeshare Indicator "Y") as the flight will be assumed to be the operating carrier

- ↗ For an MCT record to 'fit' to a flight, it needs to match any other flight attributes e.g. A flight number range matches for codeshare flights where the MCT has Codeshare Indicator 'Y' set

3 WAYS TO FILE FOR CODESHARE

↗ Using a Flight Range with a Codeshare Indicator

STATION		CONNECTION	TIME	ARRIVAL CARRIER			ARRIVAL FLIGHT #		DEPARTURE CARRIER			DEPARTURE FLIGHT #	
Arr	Dep	Status	HHMM	Carrier	Codeshare Indicator	Codeshare Operator	Range Start	Range End	Carrier	Codeshare Indicator	Codeshare Operator	Range Start	Range End
AKL	AKL	DD	0130	QF	Y		4930	4999	QF	Y		4930	4999

➤ **Using only the Codeshare Indicator**

STATION		CONNECTION	TIME	ARRIVAL CARRIER			ARRIVAL FLIGHT #		DEPARTURE CARRIER			DEPARTURE FLIGHT #	
Arr	Dep	Status	HHMM	Carrier	Codeshare Indicator	Codeshare Operator	Range Start	Range End	Carrier	Codeshare Indicator	Codeshare Operator	Range Start	Range End
AKL	AKL	DD	0130	QF	Y				QF	Y			

➤ **Specifying the Operating Carrier with a Codeshare Indicator**

STATION		CONNECTION	TIME	ARRIVAL CARRIER			ARRIVAL FLIGHT #		DEPARTURE CARRIER			DEPARTURE FLIGHT #	
Arr	Dep	Status	HHMM	Carrier	Codeshare Indicator	Codeshare Operator	Range Start	Range End	Carrier	Codeshare Indicator	Codeshare Operator	Range Start	Range End
AKL	AKL	DD	0130	QF	Y	JQ			QF	Y	JQ		

➤ **No need to file an MCT if you are happy to use the Operating Carriers MCT provided you file a DEI50**

HIERARCHY

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| Data Priority	New Data Hierarchy	Data Priority	New Data Hierarchy
#	International/Domestic Status	19	Next Region
1	Departure Codeshare Indicator	20	Previous Region
2	Departure Carrier	21	Departure Aircraft Type
3	Departure Codeshare Operating Carrier	22	Arrival Aircraft Type
4	Arrival Codeshare Indicator	23	Departure Aircraft Body
5	Arrival Carrier	24	Arrival Aircraft Body
6	Arrival Codeshare Operating Carrier	25	Effective From date (local)
7	Departure Flight Number Range Start	26	Effective To date (local)
8	Departure Flight Number Range End	27	Departure Station
9	Arrival Flight Number Range Start	28	Arrival Station
10	Arrival Flight Number Range End	#	Suppression Indicator
11	Departure Terminal	29	Suppression State
12	Arrival Terminal	30	Suppression Country
13	Next Station	31	Suppression Region
14	Previous Station	##	Time
15	Next State	##	Filing Date
16	Previous State	##	Submitting Carrier Identifier
17	Next Country	##	Action Indicator
18	Previous Country		

\# indicates fields that are not part of the Hierarchy but are used for matching

\#\# indicates fields that are not part of the Hierarchy

Red = new data fields

↗ In the new Application Hierarchy, MCT 2 would be selected over MCT 1 as it has both a Departure and Arrival Flight number ranges specified and these are both in a higher position than Departure Terminal as deemed to be more specific.

	STATION		CONNECTION	TIME	ARRIVAL CARRIER			ARRIVAL FLIGHT #		DEPARTURE CARRIER			DEPARTURE FLIGHT #		Terminal	
	Arr	Dep	Status	HHMM	Carrier	Codeshare Indicator	Codeshare Operator	Range Start	Range End	Carrier	Codeshare Indicator	Codeshare Operator	Range Start	Range End	Arr	Dep
MCT 1	LHR	LHR	II	0130	AA					AA			4930	4999		3
MCT 2	LHR	LHR	II	0120	AA			1	2814	AA			6100	6779		

KEY POINTS

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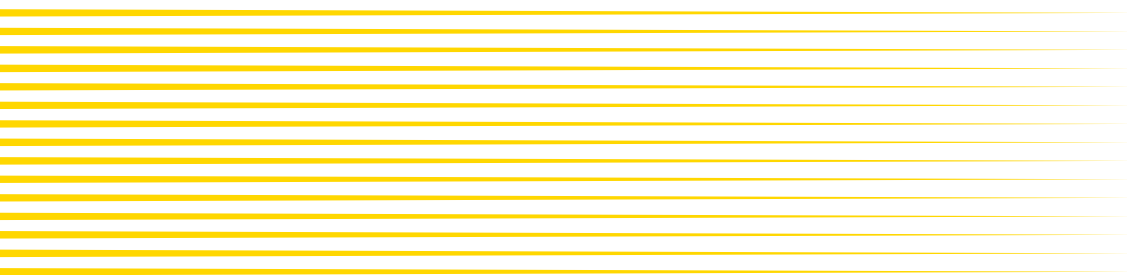
- ↗ MCTs must be applied according to the data hierarchy specified in SSIM Chapter 8

- ↗ An MCT with a Codeshare Indicator will take precedence over an MCT without a codeshare indicator

- ↗ When using Flight Ranges, a sub-set of a wider flight range will supersede

- ↗ A Geographical Suppression will take precedence over an Airport Standard or Status Standard MCT

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