

## Edexcel International GCSE (4IT0) Paper 2 – May 2012

### NOTES FOR CENTRES ON CONSTRUCTION OF DATA FILES

These notes are to be read in conjunction with the relevant sections of the Instructions for the Conduct of Examination (ICE) for June 2012.

The contents of this document or the data files must **NOT** be discussed with candidates prior to, or during, the examination window (21 May 2012 to 25 May 2012)

**IMPORTANT NOTE:** If it is necessary to reconstruct files using these notes, a printout of the files produced **MUST** be included with the scripts for the examiner.

**Please also note:** Centres should check in **OFFICE 2003**, **OFFICE 2007** and the **NON-OFFICE** folders for file formats which are consistent with the Centre system.

The following data files must be stored in **each** candidate's secure user area:

IMAGES	Folder containing Image 1.jpg, Image 2.jpg, Image 3.jpg, Image 4.jpg, Image 5.jpg, Image 6.jpg
AIRPLANE	Jpg image file
CHARGE	Spreadsheet file
INTERAYR	Database file
JULY	Text file
NOTES	Text file
PLANE	Bmp image file

The following details are provided to recreate the spreadsheet and the database file if Microsoft Office products are not available for candidates.

## SPREADSHEET

Spreadsheet file name: CHARGE

Columns set at 8.0 (61 pixels)

Rows set at 12.75 (17 pixels)

The content of the spreadsheet is provided as a CSV file for non-Office users to save transcription errors.

The page setup is set to fit printing to 1 page wide by 1 page high and print in landscape orientation.

Gridlines and Row & Column headings are set to show when printing.

Rows 1, 2 and 10 are blank.

When opened by the candidate it should appear like the following screenshot:

	A	B	C	D	E
1					
2					
3	City	Current Pr	Distance	Customers	
4	Birmingham	40.46	226	37	
5	Paris	45.21	347	23	
6	Amsterdam	44.66	368	11	
7	Dublin	77.23	449	45	
8	Frankfurt	64.62	653	31	
9	Madrid	89.1	1245	20	
10					
11	Total				

The actual content of the spreadsheet is as follows:

	A	B	C	D
1				
2				
3	City	Current Price	Distance	Customers
4	Birmingham	40.46	226	37
5	Paris	45.21	347	23
6	Amsterdam	44.66	368	11
7	Dublin	77.23	449	45
8	Frankfurt	64.62	653	31
9	Madrid	89.1	1245	20
10				
11	Total			

## DATABASE

Database file name: INTERAYR  
Database tables: AIRPORT  
CUSTOMER

Table: **AIRPORT**

Field Name	Data Type	Description	Properties
CODE	Text	3 letter code for airport	3 characters – set as Primary Key
CITY	Text	Closest major city	20 characters
COUNTRY	Text	Airport location	25 characters
RUNWAY	Number	Length of runway in metres	Long Integer
HEIGHT	Number	Height of runway above sea level in metres	Long Integer
UTC	Number	Time difference in hours from London (coordinated universal time)	Long Integer
DISTANCE	Number	Distance of airport from London Heathrow in kilometres	Long Integer

Table: **CUSTOMER**

Field Name	Data Type	Description	Properties
ID	Text	Unique ID for each customer	5 characters – set as Primary Key
TITLE	Text	Customer title Mr (for male) or Ms (for female)	2 characters – validation rule “Mr” or “Ms”, validation text ‘Must be Mr or Ms’
INITIAL	Text	First letter of customer first name	1 character
FNAME	Text	First name of customer	20 characters
LNAME	Text	Last name of customer	25 characters
PHONE	Text	Phone number of customer	20 characters
DEST	Text	Three letter code for airport of destination	3 characters
DATE	Date/Time	Date of flight	Short Date (DD/MM/YYYY)

The two tables should be linked by a **one-to-many** relationship between the **CODE** field in the **AIRPORT** table and the **DEST** field in the **CUSTOMER** table.

The content of the two tables are stored in the Non-office folder as txt files called AIRPORT and CUSTOMER to save transcription errors where the database has to be re-created.