



INTERIM MEETING OF VHF & up Committee of IARU REGION 1  
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Subject	Adding QSO frequency to EDI file		
Author/ contact		Status	

## Introduction

EDI file format is well established within IARU R1 VHF&up contests community. Log submission is limited to electronic format only. With hamradio equipment and software advancements it is a common practice to control the RIG via CAT. In fact most of the contest logging software today supports CAT control.

Knowing the exact QSO frequency – and not just a band – can sometimes be very beneficial. It can become very useful piece of information for advanced contest log cross checking software (contest robots), in particular in declaring not-in-log error. It would be of a great help when wide area recordings (for example, an EU-wide network of SDR receivers) will become common practice (as it is today a case on HF with RBN) to ease automatic cross-check of problematic errors (in particular errors of TX station).

The intention of this proposal is not to mandate the QSO frequency logging for IARU contests – at least not immediately. This small addition to EDI file format is an enabler for some future ideas not yet fully identified - it is just a first step.

## Proposal

It is proposed to amend the text in chapter 5.7.1 and 5.7.2 as given below (only changed rows are presented, changed/added text *in red*):

### 5.7.1 Format

[REG1TEST;2File identifier;file version

...  
...  
...

Date;Time;Call;Mode code;Sent-RST;Sent QSO number;Received-RST;Received QSO number;  
Received exchange;Received-WWL;QSO-Points;New-Exchange-(N);New-WWL-(N);  
New-DXCC-(N);Duplicate-QSO-(D);QRG

### 5.7.2 Explanation of keywords

...  
...

...

### QSO record definition

Date;Time;Call;Mode code;Sent-RST;Sent QSO number;Received RST;Received QSO number;Received Exchange;Received-WWL;QSO-Points;New-Exchange-(N);New-WWL-(N);New-DXCC-(N);Duplicate-QSO-(D);**QRG**

All arguments are separated with a semicolon (;).

All fields in the QSO record is written on the same line, and ending with ASCII characters 13 and 10 (CR LF).

Field		Maximum length	
Date	=	YYMMDD, 6 characters	6
Time	=	UTC, 4 characters, with leading zeros	4
Call	=	3 to 14 characters	14
Mode code	=	0 or 1 character	1
Sent-RST	=	0 or 2 or 3 characters	3
Sent QSO number	=	0 or 3 or 4 characters, with leading zeros	4
Received-RST	=	0 or 2 or 3 characters	3
Received QSO number	=	0 or 3 or 4 characters, with leading zeros	4
Received Exchange	=	0 or 1 to 6 characters (see also PExch)	6
Received WWL	=	0 or 4 or 6 characters, World Wide Locator	6
QSO points	=	1 to 6 characters, including bandmultiplier	6
New-Exchange	=	0 or 1 character, "N" if QSO is a new exchange	1
New-WWL	=	0 or 1 character, "N" if QSO is a new WWL	1
New-DXCC	=	0 or 1 character, "N" if QSO is a new DXCC	1
Duplicate-QSO	=	0 or 1 character, "D" if contact is a duplicate QSO	1
<b>QRG</b>	<b>=</b>	<b>#####, frequency in kHz, 8 or 12 characters</b>	<b>12</b>
			<b>73</b>
			<b>+ field separators, 15</b>
			<b>88</b>

### Line length

~~If line length is already specified it must not be exceeded, other lines must not exceed a length of 75 characters. Length is limited due to Packet Radio transferral.~~

All lines, in the format description, with the "F" denote that entry is a *free format*. This means that any of the above characters in the 7-bit ASCII alphabet can be used.

All other entries are *forced format* and characters, as above, are in capital. All numbers in forced format are positive integers and non-exponential notation and entry cannot be left empty, i.e. 0 (zero) or greater. All forced formats must be in accordance with SI-units (Système International).