

WOYRX\$ - Extended Convert Internal Date to Week Number

The Woyrx\$ routine is available to convert an internal date to a Week Number (where the Week Number is defined in ISO-8601). Woyrx\$ is an extended version of Woyr\$, allowing the first day of the week to be specified.

1. Invocation

To convert an Internal Date to a Week Number code:

```
CALL Woyrx$ USING int_date first_day week_number
```

where *int_date* is a PIC 9(6) COMP field containing an Internal Date; *first_day* is the week start day (Monday=1, Tuesday=2, ..., Sunday=7) and *week_number* is a PIC 9(4) COMP in which the Week Number is returned.

2. STOP Codes and Exception Conditions

No STOP codes are generated by Woyrx\$.

No EXIT codes are returned by Woyrx\$.

3. Programming Notes

Unlike the basic Woyr\$ routine, the extended Woyrx\$ routine allows the first day of the week to be specified by the calling application.

The Week Number calculated by Woyrx\$ is not related to HMRC Tax Week numbers.

Woyrx\$ functions correctly both with UK format dates (\$\$USA=0) and USA format dates (\$\$USA=1).

No exception is generated if *int_date* is invalid. If a wrong value is supplied it will be mechanically converted to a Week Number.

4. Examples

[EXAMPLE REQUIRED]

5. Copy-Books

None.

6. See Also

Woyr\$ Convert Internal Date to Week Number