

WOYR\$ – Convert Internal Date to Week Number

The WOYR\$ routine is available to convert an internal date to a Week Number (where the Week Number is defined in ISO-8601).

1. Invocation

To convert an Internal Date to a Week Number code:

```
CALL WOYR$ USING int_date week_number
```

where int_date is a PIC 9(6) COMP field containing an Internal Date; 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 WOYR\$.

No EXIT codes are returned by WOYR\$.

3. Programming Notes

The WOYR algorithm assumes the first day of the week is a Monday. The extended WOYRX\$ routine allows the first day of the week to be specified by the calling application.

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

WOYR\$ 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

WOYRX\$ Convert Internal Date to Week Number (Extended)