5 field [#n ,] l as c$ / i%

```
YFIELD :BSR   XCANAL6          a2
        MOVE  (A2),-(SP)       n° de la chaîne "R"

GAG20 : BSR   DECCRV
        BEQ   GAG21            ⊗
        ADDQ  #2,SP
        RTS

GAG21 : BSR   WADR             l
        MOVE.L  D3,-(SP)
        BLE   ERR107           → l ≤ 0  mauvaise longueur de champ erreur
        BSR   DECXAS           (as)
        BNE   ERR157           → *illegal
        MOVEQ #$40,D3          type chaine par défaut
        BSR   WNOM             ← c$ / i%
        BNE   ERR157           *type illégal
```

```
        ADDQ #6,A6
        MOVE.L  A6,A2
        MOVE.L (SP), (A6)+
        AND #$F0,d0
        CMP #$40,d0
        BNE   GAG23            ↓ c$ chaine
        MOVE #-1,(A6)+
        MOVE  D2,(A6)+
x       BRA   GAG25

GAG23:CMP #$20,d0              cas index
        BNE   ERR1XX           *erreur de type
        MOVE.L  A3,(A6)+
        SUB.L  D3,D5           nb max d'index                ok
        MOVE  D2,D0            taille de l'index
        MOVE.L  D5,D2
        BSR   NBIND            nb de mots longs disponibles = d2.L
        ADD.L  D2,D2
        ADD.L  D2,D2           ← addq.l #1,d2
        CMP.L  (A2),D2
        BLT   ERR1XH           → *hors du tableau
        ↓
      GAG25
```

```
        AND #$F0,d0
        CMP #$40,d0
        BNE   GAG23
```

cas c$ — chaîne n° d2, longueur : (SP)

```
        MOVE.L  (SP),d3
        MOVE    D2,-(SP)
        MOVEQ   #32,d2
        BSR     CPUSHN          d3 espaces
        MOVE    (SP),d0
        BSR   WASGN2
        MOVEQ #-1,d2

        MOVE  (SP)+,d2
        MOVE.L  D2,A3


        BRA     GAG25
GAG23:  CMP #$20,d0             cas index
        BNE     ERRMT
        SUB.L   D3,D5           nb max d'index
        MOVE    D2,D0           taille
        MOVE.L  D5,D2
        BSR   NBIND             d2.L = nb de mots doubles
        ADD.L   D2,D2
        ADD.L   D2,D2
        ADDQ.L  #4,D2
        CMP.L   (SP),D2                 ⊗
        BLT     ERR1XH

GAG25:  ADDQ  #6,A6
        MOVE.L  A6,A2
        MOVE.L  (SP),(A6)+
        MOVE.L   A3,(A6)+
```

```
GAG25: BSR   LC12
       MOVE  4(SP),D2      → "R"
       BSR   YCADD1
       MOVE.L (SP)+,D0
       MOVE  (SP),D4
       BSR   LB95C
       SUB.L D0,4(A0)
       BMI   ERR108
       BRA   GAG20
       BPL   GAG20
ERR108: MOVEQ #108,d0
       TRAP  #15
```

P0 = adr diff à "R"

} Rallonge "R"

→ ~~débordement plus grand que~~ longueur enregistrement