

entrée [A0] > 1
met en litre [A2] le plus petit nb premier > |[A0]|

```

XMPRS: BSR XPOSE
MIS46: CMP #4002, (A2)
      BEQ MISS
      BSET #0, -1(A6)
      MOVE.L A2, -(SP)
      MOVE.L A2, A0
      BSR XMPRS1
      TST D3
      BNE MIS44
  
```

→ rts
impair

```

cas 3 à 13
MOVE (A2), D0
SUB #4000, D0
CMP #9, D0
BNE MIS40
MOVE #4008, (A2)
MIS40: CMP #14, D0
      BCS MISS
  
```

initialise TINCRT

3 5 7 11 13

X

```

MIS42: MOVE.L (SP), A0
      BSR XMPRS2
      MOVE.L (SP), A0
      BSR XLB76
  
```

met [A2] = [A0] + 8 non divisible par 3, 5, 7, 11, 13

```

MIS44: MOVE.L (SP), A0
      BSR XMPT2
      MOVE.L (SP)+, A2
      BEQ MISS
      MOVE.L A2, -(SP)
      BRA MIS42
  
```

→ premier

MISS: RTS