1 Declaracions

PROC	→	**procedure** C_PROC **is** DECLS **begin** SENTS **end procedure**;
DECLS	→	DECLS DECL
	|	λ
DECL	→	PROC
	|	DECL_VAR
	|	DECL_T
DECL_RVARS	→	DECL_RVARS DECL_VAR
	|	DECL_VAR
DECL_VAR	→	L_ID:ID;
	|	L_ID:**const** ID:=EXPR;
DECL_T	→	**type** ID **is** DECL_T_CONT
DECL_T_CONT	→	**new** ID **range** IDX..IDX;
	|	**record** DECL_RVARS **end record**;
	|	**array** (L_ID) **of** ID;

1.1 Decls Auxiliars

C_PROC → ID(ARGS)
| ID

ARGS → ARGS;ARG
| ARG

ARG → L_ID:MODE ID

MODE → **in**
| **out**
| **in out**

IDXS → IDXS,IDX
| IDX

IDX → EXPR

L_ID → L_ID,ID
| ID

2 Sentencies

SENTS → SENTS_CONT
| **null**;

SENTS_CONT → SENT
| SENT

SENT → S_ITER
| S_COND
| S_CRIDA
| S_ASSIGN

S_ITER → **while** EXPR **loop**
SENTS
end loop;

S_COND → **if** EXPR **then**
SENTS
end if;
| **if** EXPR **then**
SENTS
else;
SENTS
end if;

S_CRIDA → C_PROC;

S_ASSIGN → REF:=EXPR;

2.1 Sents Auxiliars

REF → REF.CAMP
| CAMP

CAMP → ID
| ID(IDXS)

3 Expressions

EXPR → E0 — E1 — E2

E0 → E0 **and** E2
| E2 **and** E2

E1 → E1 **or** E2
| E2 **or** E2

E2 → E2OP_REL E3
| E3

E3 → E3 OP_B_C E4
| E4

E4 → E4 OP_B_E E5
| E5

E5 → OP_N E6
| E6 OP_E E6
| E6

E6 → REF
| (EXPR)
| LIT
| -LIT
| TUPLA

3.1 Exprs Auxiliars

TUPLA → (L_EXPR)

L_EXPR | L_EXPR, EXPR
| EXPR

OP_N → **not**

OP_E → **
OP_REL

OP_B_C

OP_B_E