1 Decls

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** RANG;
	|	**record** DECL_RVARS **end record**;
	|	**array** (L_ID) **of** ID;

1.1 Auxliars

| C_PROC | → | ID(ARGS) |
| | \| | ID |

| ARGS | → | ARGS;ARG |
| | \| | ARG |

| ARG | → | L_ID:MODE ID |

MODE	→	**in**
	|	**out**
	|	**in out**

| L_ID | → | L_ID,ID |
| | \| | ID |

| RANG | → | ID **range** RANG_CONT |

RANG_CONT	→	OP_U LIT..OP_U LIT
	|	ID..ID
	|	ID

2 Sents

SENTS	$\rightarrow$	SENTS_CONT
	|	**null;**
SENTS_CONT	$\rightarrow$	SENTS_CONT SENT
	|	SENT
SENT	$\rightarrow$	S_ITER
	|	S_COND
	|	S_CRIDA
	|	S_ASSIGN

S_ITER	$\rightarrow$	**while** EXPR **loop**
		SENTS
		end loop;

S_COND	$\rightarrow$	**if** EXPR **then**
		SENTS
		end if;
	|	**if** EXPR **then**
		SENTS
		else
		SENTS
		end if;

S_CRIDA	$\rightarrow$	ID(PARAMS);
	|	ID;

S_ASSIGN	$\rightarrow$	REF:=EXPR;

2.1 Auxiliars

REF	$\rightarrow$	REF.CAMP
	|	CAMP
CAMP	$\rightarrow$	ID
	|	ID(L_IDX)
L_IDX	$\rightarrow$	L_IDX,IDX
	|	IDX
IDX	$\rightarrow$	EXPR
PARAMS	$\rightarrow$	L_EXPR

3 Exprs

EXPR	$\rightarrow$	E0 | E1 | E2
E0	$\rightarrow$	E0 **and** E2
	|	E2 **and** E2
E1	$\rightarrow$	E1 **or** E2
	|	E2 **or** E2
E2	$\rightarrow$	E2 OP_REL E3
	|	E3
E3	$\rightarrow$	OP_U E4
E4	$\rightarrow$	E4 OP_B_C E5
	|	E5
E5	$\rightarrow$	E5 OP_B_E E6
	|	E6
E6	$\rightarrow$	OP_N E7
	|	E7 OP_E E7
	|	E7
E7	$\rightarrow$	REF
	|	(EXPR)
	|	LIT
	|	TUPLA

3.1 Auxiliars

OP_B_C	→	+ | -
OP_B_E		
OP_E	→	**
OP_N	→	**not**
OP_REL		
OP_U	→	- | λ
TUPLA	→	(L_EXPR)
L_EXPR	→	L_EXPR, EXPR
	|	EXPR