


```

RRRRRRRR      EEEEEEEEEEE      CCCCCCCC      SSSSSSSS      EEEEEEEEEEE      LL      DDDDDDDD      EEEEEEEEEEE      FFFFFFFFFF
RRRRRRRR      EEEEEEEEEEE      CCCCCCCC      SSSSSSSS      EEEEEEEEEEE      LL      DDDDDDDD      EEEEEEEEEEE      FFFFFFFFFF
RR      RR      EE      CC      SS      FF      LL      DD      DD      EE      FF
RR      RR      EE      CC      SS      FF      LL      DD      DD      EE      FF
RR      RR      EE      CC      SS      FF      LL      DD      DD      EE      FF
RR      RR      EE      CC      SS      FF      LL      DD      DD      EE      FF
RRRRRRRR      EEEEEEEEEEE      CCCCCCCC      SSSSSSSS      EEEEEEEEEEE      LL      DDDDDDDD      EEEEEEEEEEE      FFFFFFFFFF
RRRRRRRR      EEEEEEEEEEE      CCCCCCCC      SSSSSSSS      EEEEEEEEEEE      LL      DD      DD      EEEEEEEEEEE      FFFFFFFFFF
RR      RR      EE      CC      SS      FF      LL      DD      DD      EE      FF
RR      RR      EE      CC      SS      FF      LL      DD      DD      EE      FF
RR      RR      EE      CC      SS      FF      LL      DD      DD      EE      FF
RR      RR      EE      CC      SS      FF      LL      DD      DD      EE      FF
RR      RR      EEEEEEEEEEE      CCCCCCCC      SSSSSSSS      EEEEEEEEEEE      LLLLLLLLLL      DDDDDDDD      EEEEEEEEEEE      FF
RR      RR      EEEEEEEEEEE      CCCCCCCC      SSSSSSSS      EEEEEEEEEEE      LLLLLLLLLL      DDDDDDDD      EEEEEEEEEEE      FF

```

```

....
....
....
....

```

```

RRRRRRRR      EEEEEEEEEEE      QQQQQQ
RRRRRRRR      EEEEEEEEEEE      QQQQQQ
RR      RR      EE      QQ      QQ
RR      RR      EE      QQ      QQ
RR      RR      EE      QQ      QQ
RR      RR      EE      QQ      QQ
RRRRRRRR      EEEEEEEEEEE      QQ      QQ      QQ
RRRRRRRR      EEEEEEEEEEE      QQ      QQ      QQ
RR      RR      EE      QQ      QQ      QQ
RR      RR      EE      QQ      QQ      QQ
RR      RR      EE      QQ      QQ      QQ
RR      RR      EEEEEEEEEEE      QQQQ      QQ
RR      RR      EEEEEEEEEEE      QQQQ      QQ

```

Require file for the DECISION module.

Version 'V04-000'

```
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```

++
FACILITY: ERLRPT, Error Log Report Generator

ABSTRACT:

This

ENVIRONMENT:

VAX/VMS operating system, user mode.

AUTHOR: Sharon Reynolds, CREATION DATE: January 1983

Modified by:

V03-008	EAD0202	Elliott A. Drayton	23-Jul-1984
		Corrected definitions for options	
V03-007	EAD0192	Elliott A. Drayton	6-Jul-1984
		Added mailbox_channel, record_size, lstlun and option to the definition fo SYECOM.	
V03-006	EAD0147	Elliott A. Drayton	12-Apr-1984
		Remove definitions for EMB.	

MACRO

COMPARE QUADWORD VALUES--

Macro to compare two quadword values using the user supplied operator. This macro is somewhat inefficient if the supplied operator is EQL or NEQL since the expansion becomes (in part):

```
IF Q1 EQL Q2 THEN IF Q1 EQL Q2 THEN TRUE ELSE FALSE
```

However the compiler may remove this inefficiency through optimization. This macro works better for values that are close to one another as it does the equality check of the high order words first. This macro could be improved by inspecting the supplied operator and generating a tailored macro.

```
COMPARE_QUAD (Q1, OPER, Q2) =
```

```
BEGIN
```

```
  BIND A = Q1: VECTOR [2, LONG];
```

```
  BIND B = Q2: VECTOR [2, LONG];
```

```
  IF .A[1] EQL .B[1] THEN .A[0] OPER .B[0] ELSE .A[1] OPER .B[1]
```

```
END% ;
```

