

**BREVI NORME OPERATIVE
PER LA GESTIONE DEL BUTTERFLY
INTERNET
GATEWAY**

Rapporto Interno C88-36

15 Giugno 1988

**Antonio Blasco Bonito
Fabrizio Lastrucci**

Contenuto

BUTTERFLY GATEWAY	1
1.0 Generalità sulla Macchina Butterfly	3
1.1 Cos'è il Butterfly Computer ?	3
1.2 Il Sistema Operativo	3
1.3 Scopo di questo manuale	3
2.0 Descrizione generale	5
2.1 Cos'è un Gateway ?	5
2.2 Il Sistema Internet	5
2.3 Il Butterfly Internet Gateway	5
2.4 Descrizione dell' Hardware	6
2.5 Led sul Pannello di Controllo	7
2.6 Processor Crate	8
2.7 Multibus Crate #1	9
2.8 Multibus Crate #2	9
3.0 Procedure Operative	11
3.1 Attivazione	11
3.2 Comandi Immediati	11
3.3 Comandi	11
3.4 In caso di : CRASH	12
4.0 Appendice	15
4.1 Procedure Operative : Diagnostica	15
4.2 Indirizzi Utili	16
4.3 Conclusioni	17
4.4 Elenco TRAP	21

Figure

Figura	1. Il Sistema di Reti Internet	4
Figura	2. Vista anteriore	6
Figura	3. Fantail (particolare)	7
Figura	4. Processor Crate	8
Figura	5.	18
Figura	6.	19
Figura	7. Il Sistema di Reti SATNET	20

Prefazione

Questo documento è una raccolta di norme operative, ad uso interno, con lo scopo di effettuare la problem-determination e di facilitare la gestione operativa del Butterfly Internet Gateway.

Per informazioni complete fare riferimento al manuale della BBN: *Internet Gateway Shared Maintenance Site Representative's Manual*, Report No. 6721.

BUTTERFLY GATEWAY

1.0 Generalità sulla Macchina Butterfly

1.1 Cos'è il Butterfly Computer ?

Originariamente l'industria dei computer ha sviluppato sistemi di elaborazione guidati ciascuno da un singolo processore; questi computers a singolo-processore eseguivano programmi di istruzioni sequenziali. Con lo sviluppo delle nuove tecnologie, i sistemi a singolo-processore sono divenuti più veloci, più piccoli, meno costosi e possono memorizzare ed eseguire una grande quantità d'informazioni. Nonostante la loro velocità e capacità di memoria, i sistemi a singolo-processore sono capaci di eseguire programmi solamente elaborando un'istruzione alla volta, in un formato seriale (istruzioni seriali, flusso dati seriali). Ma se questi singoli processori sono connessi in parallelo ed eseguono le istruzioni programmate in parallelo, possono arrivare a potenze di calcolo mai raggiunte prima. Invece di una sola ed unica grossa unità operativa ad alta velocità, il processore in parallelo raggiunge velocità altissime usando molti microprocessori indipendenti che operano in parallelo.

Il Butterfly Computer della BBN è un sistema che opera in parallelo. Esso può contenere fino a 256 microprocessori in un solo computer. La macchina Butterfly usa un flusso multiplo di istruzioni e dati, il formato MIMD (Multiple Instruction Multiple Data), che utilizza l'intera potenza di elaborazione degli n processori. Il formato MIMD distribuisce porzioni di un programma uniformemente fra i processori. Ciascun processore può così eseguire la sua parte di programma e fornire i risultati. In effetti, nel tempo totale questo porta un computer a singolo-processore ad eseguire una istruzione, mentre il butterfly computer, con i suoi n processori, può eseguire n istruzioni; questo incremento di velocità è appena uno dei maggiori vantaggi che un sistema a processori in parallelo ha su un sistema a singolo-processore.

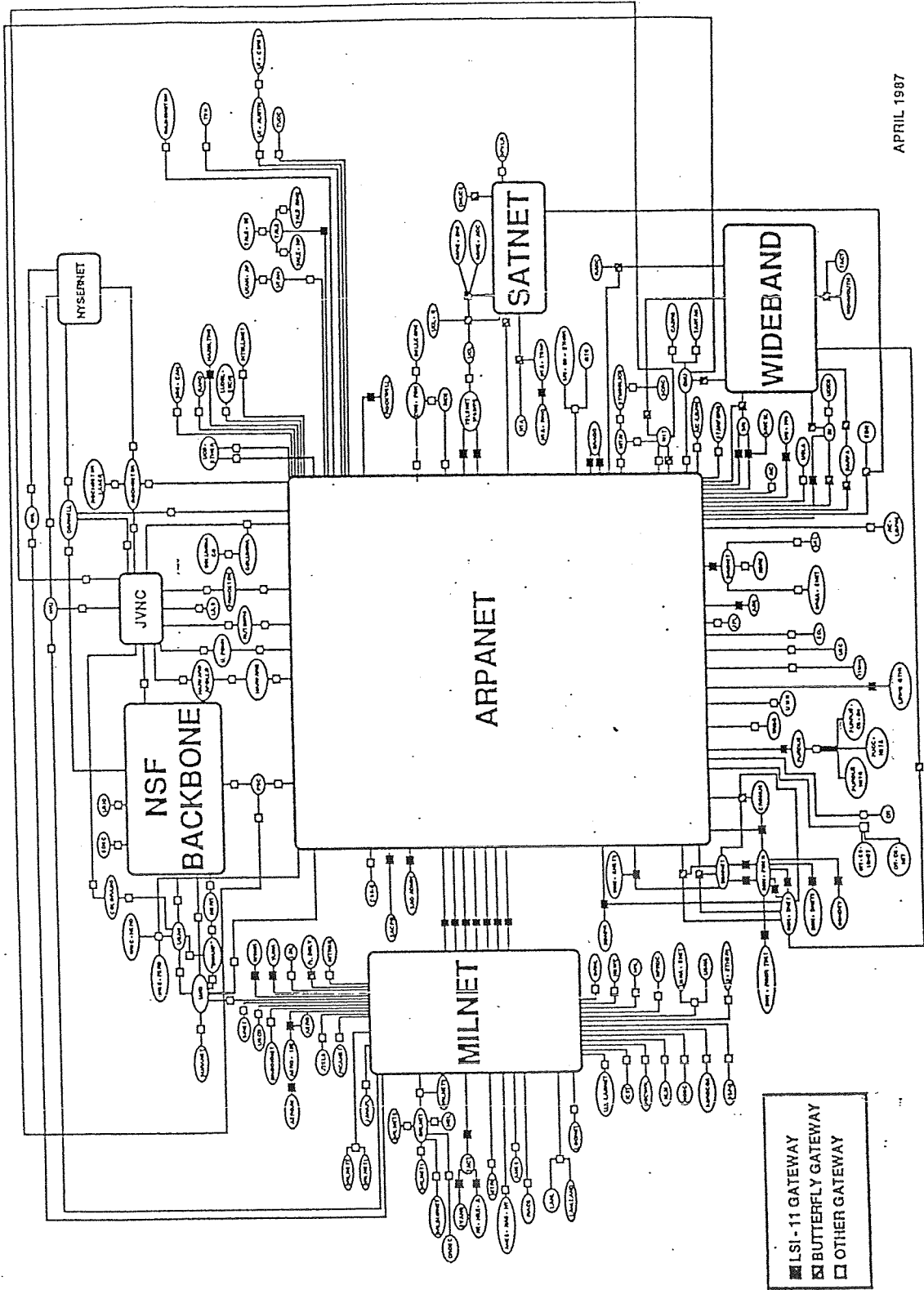
Attualmente il Butterfly computer fa parte della seconda generazione di processori in parallelo disegnati dalla BBN. Il Pluribus™ computer, disegnato nei primi anni del 1970, era basato sull'uso in parallelo di minicomputers. La macchina Butterfly adopera il microprocessore Motorola MC68000 per ciascuno dei suoi processori in parallelo.

1.2 Il Sistema Operativo

Il sistema operativo del Butterfly è conosciuto con il nome di Chrysalis™. Chrysalis fornisce un ambiente di esecuzione dei programmi in cui i task possono essere distribuiti fra i processori (conosciuti anche come Processor Nodes) ed in cui ha poca importanza la localizzazione fisica dei dati associati con i tasks, perché il Butterfly utilizza un'architettura di memoria globale o condivisa fra i suoi processori. Ciascun processore contiene 1 megabyte di memoria principale (espandibile fino a 4 megabyte). Comunque, ciascun processore può aver accesso ad una qualsiasi altra memoria all'interno del sistema usando il Butterfly Switch. Il Butterfly Switch è l'elemento fondamentale del Butterfly. Esso provvede alla funzione di comunicazione fra i processori.

1.3 Scopo di questo manuale

Il Butterfly Computer può essere usato in un vasto raggio di applicazioni. Questo documento descrive solamente il Butterfly Internet Gateway, con una breve descrizione dell'hardware e del software, per poterne effettuare una prima ed immediata problem-determination e facilitarne la gestione operativa.



THE DARPA Internet System

Figura 1. Il Sistema di Reti Internet

2.0 Descrizione generale

2.1 Cos'è un Gateway ?

Un Gateway è un dispositivo che permette a due o più reti di comunicare tra loro. Può fare conversioni di protocollo fra reti, trasmettere traffico a senso unico o in entrambe le direzioni, effettuare controlli e/o filtri sul traffico ed essere usato in una quantità di altre diverse applicazioni specifiche. Di seguito è una descrizione del Butterfly Internet Gateway.

2.2 Il Sistema Internet

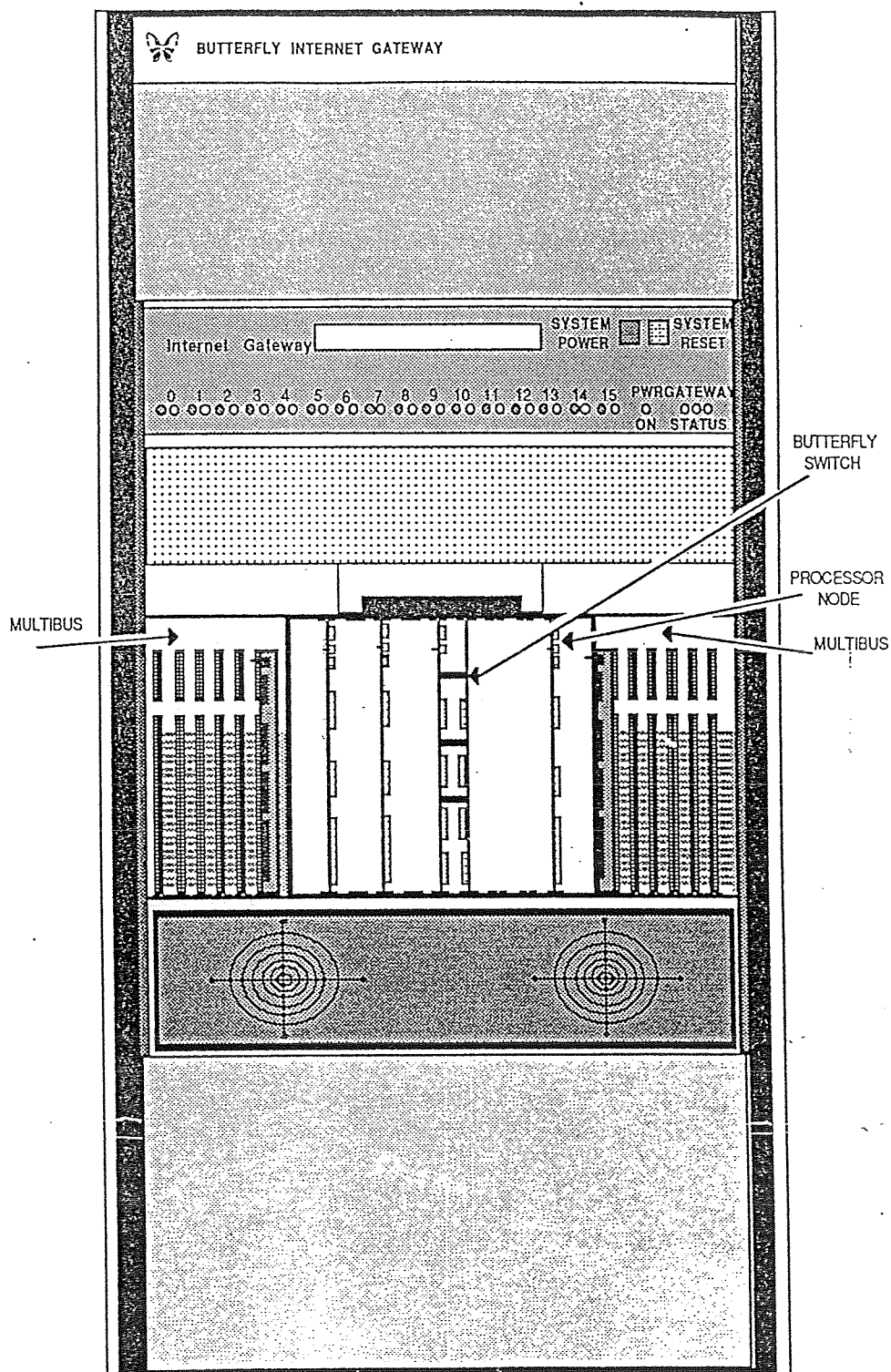
Il sistema di reti Internet, sponsorizzato dal DARPA (Defence Advanced Research Projects Agency), è usato per connettere tra loro una grande quantità di reti. I computers utilizzati per svolgere le funzioni di Gateway tra le principali reti sono, per la maggior parte, degli LS-11, ma un numero crescente di essi viene rimpiazzato da Butterfly.

2.3 Il Butterfly Internet Gateway

Il Butterfly è un Gateway che può essere usato per connettere vari tipi di reti a commutazione di pacchetto, per creare una rete Internet e può anche funzionare come un general packet switch quando è connesso ad altri Butterfly attraverso linee di collegamento. Le features del Butterfly Internet Gateway sono:

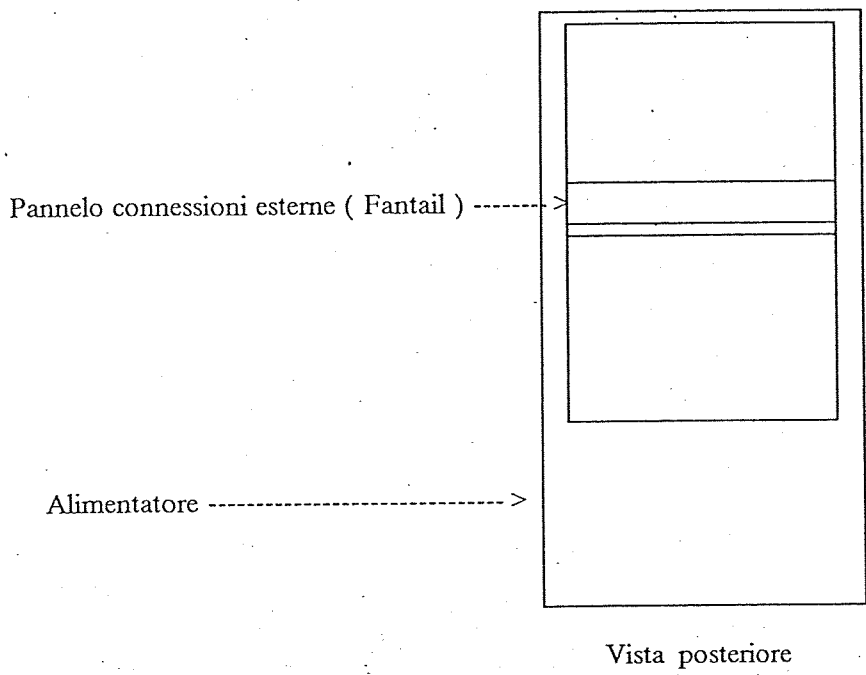
- Un' architettura basata sul multiprocessore MC-68000 che permette alla configurazione hardware di far fronte alle performance richieste. Il numero dei processori usati è in funzione del numero e della velocità delle reti interconnesse.
Nel caso del Butterfly Gateway del CNUCE i processori sono tre.
- Supporto del DoD Internet Protocol (IP) e Internet Control Message Protocol (ICMP).
- Interfaccia ad uno svariato tipo di reti a commutazione di pacchetto, includendo ARPANET, Ethernet, Satnet, Wideband e X.25, e in futuro anche Packet Radio e Pronet Ring.
- Supporto di linee di collegamento ad alta velocità fra gateways Butterfly, i quali possono operare a velocità superiori a 1.5 Mbit/sec (T1 rates).
- Un instradamento dinamico basato sull' algoritmo ARPANET SPF (Shortest Path First) usato per dirigere il traffico sulla migliore strada disponibile e provvedere in trasparenza a percorsi alternativi.
- Supporto del protocollo EGP (Exterior Gateway Protocol) per far sì che i gateway Butterfly si scambino informazioni di instradamento con altri sistemi di gateway.
- Monitoraggio remoto e misurazioni statistiche per il centro supporto e controllo.

2.4 Descrizione dell' Hardware



Front View of Butterfly Internet Gateway

Figura 2. Vista anteriore



FANTAIL LOCATED IN REAR OF BUTTERFLY INTERNET GATEWAY

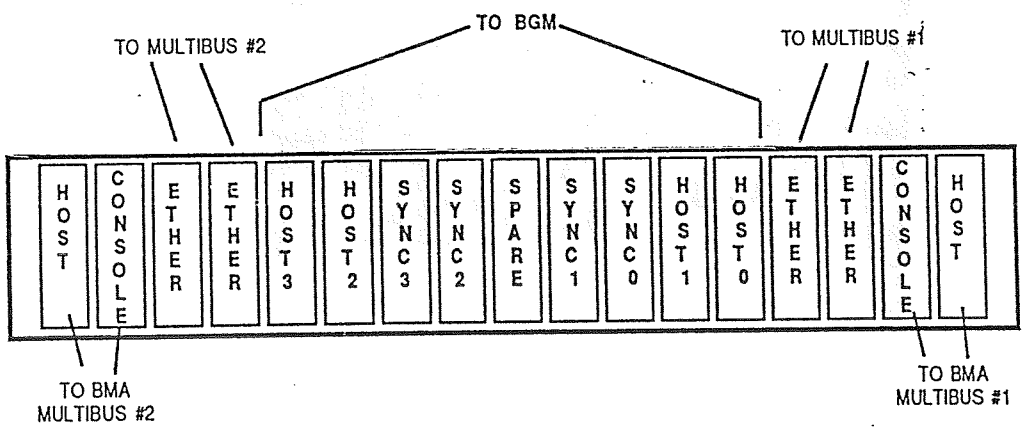


Figura 3. Fantail (particolare)

2.5 Led sul Pannello di Controllo

LED 0	Verde	=	Modem (linea Pisa-Fucino)	OK
	Rosso	=	Modem (linea Pisa-Fucino)	OFF (Testare modem e/o linea)
LED 1	Verde	=	Rete locale ETHERNET	OK
	Rosso	=	Rete locale ETHERNET	OFF
POWER	Verde	=	ON	
GATEWAY STATUS	Verde	=	Running	
	Giallo	=	Loading	
	Rosso	=	Crashing	

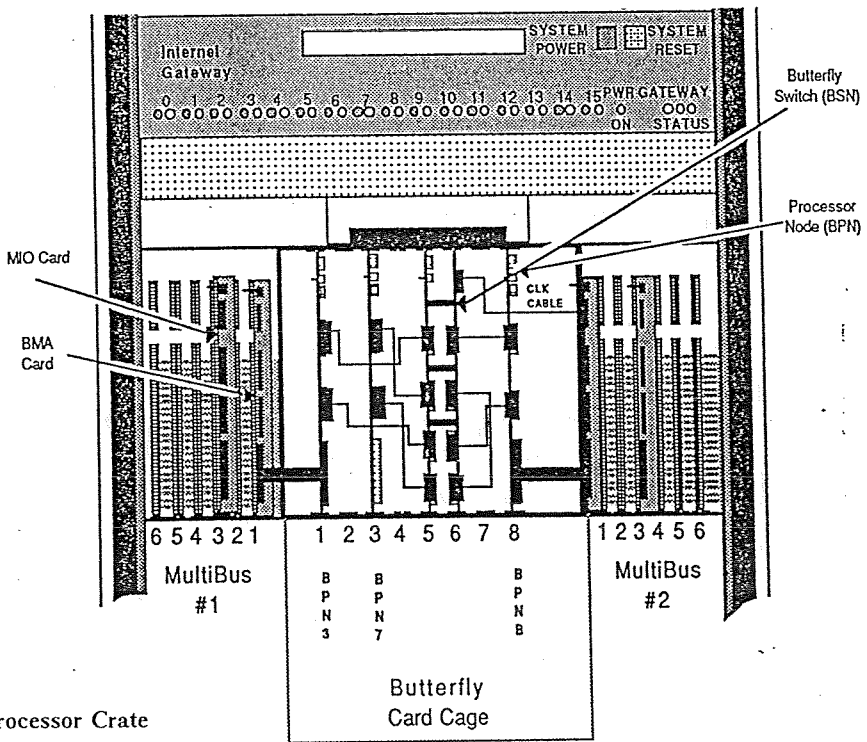
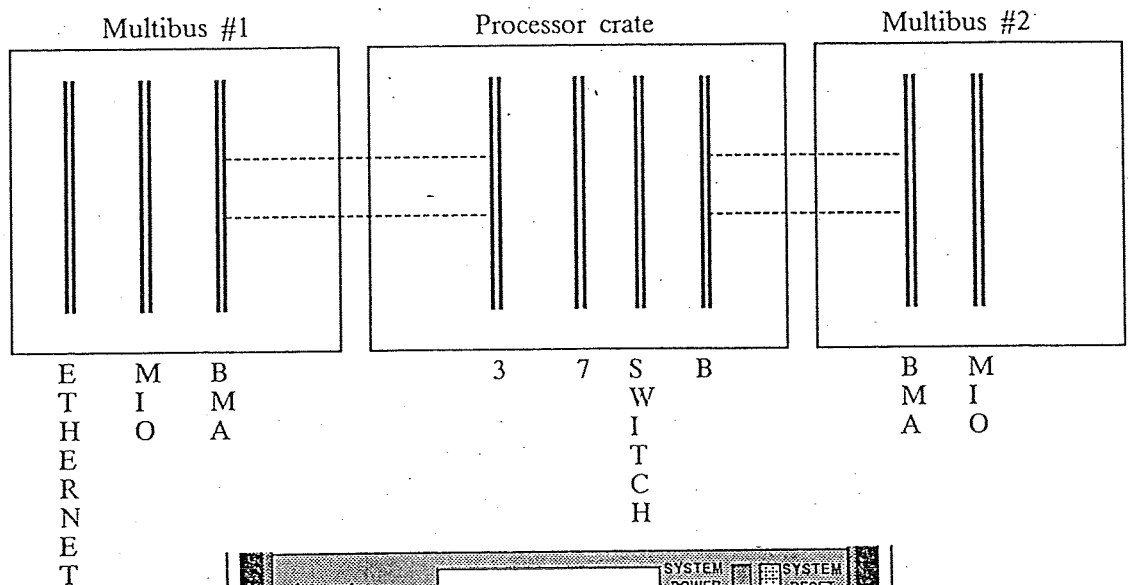


Figura 4. Processor Crate

2.6 Processor Crate

All'interno del Processor Crate sono alloggiati tre Processor Board identificate dai numeri esadecimali 3, 7, B. Ogni Board ha un indicatore a led verde e rosso più un commutatore micro switch (power On/Off). Ogni Board contiene un microprocessore 68000 e 1 Mega byte di memoria.

I Processor sono interconnessi tramite la **Switch Board** (scheda doppia). Essa ha un led verde ed un commutatore. Il Processor 3 è connesso tramite la scheda BMA (Butterfly Multibus Adapter) al Multibus Crate #1. Il Processor B è connesso tramite BMA al Multibus Crate #2. I Processors sono detti anche "Processor Nodes" o "Nodes".

I Processor 3 e B sono pure collegati tramite la Mother Board ai connettori del pannello posteriore. Il Macintosh è collegato tramite il pannello posteriore al Processor B.

Il Processor B è detto il King Node in quanto è il primo ad essere caricato ("IPL") e provvede poi a caricare gli altri.

2.7 *Multibus Crate #1*

All' interno del Multibus Crate #1 sono alloggiate tre schede : Ethernet, MIO, BMA.

Ethernet : E' una scheda della EXCELAN. E' collegata al pannello posteriore dove c'è il connettore per il cavo del transceiver Ethernet.

MIO : E' una scheda della BBN. Può servire a gestire una linea sincrona secondo le specifiche degli standard internazionali V.35, RS232, etc. (configurabili sulla Motherboard) o una linea 1822 (standard BBN). Questa scheda non è attualmente utilizzata al CNUCE.

BMA : Butterfly Multibus Adapter. E' una scheda della BBN. Serve ad interfacciare il Bus esterno Multibus ad un Processor Node. E' collegata al Processor 3.

2.8 *Multibus Crate #2*

All' interno del Multibus Crate #2 sono alloggiate due schede : MIO e BMA.

MIO : Vedi sopra. Questa scheda gestisce la linea V.35 (connettore sul pannello posteriore) che collega il Butterfly Gateway tramite una linea a 48 Kbps, con il SIMP al FUCINO.

BMA : Vedi sopra. E' collegata al processor B.

3.0 Procedure Operative

3.1 Attivazione

- Premere POWER ON e attendere finché le luci rosse dei Processors non siano spente (effettuazione del self-test).
Nota tra un Power Off ed il successivo Power On attendere almeno un minuto.
- Inserire i dischetti nei drive del Macintosh. Il dischetto marcato "INTERNAL DRIVE" va nel drive interno, quello marcato "EXTERNAL DRIVE" va nel drive esterno.
- Premere il tasto di RESET del GATEWAY.
- Quando il caricamento del software ha inizio, sullo schermo del Macintosh vengono stampati dei puntini ed alcuni messaggi. Il caricamento prosegue per circa 25 minuti. Normalmente l'ultimo messaggio sullo schermo è : Created process alpha: gateether 01d 3001818
- Il Macintosh mostra una sola "finestra" (window 0) dalla quale non è possibile dare comandi. Creando una seconda finestra (con CTL-G S, vedi prossimo paragrafo) si ottiene anche il "prompt" di accettazione dei comandi (vedi paragrafo 3.3).

3.2 Comandi Immediati

Il tasto CONTROL (CTL) è quello marcato ⌘ (clover key). Esso va tenuto premuto contemporaneamente ad un altro tasto per ottenere i comandi seguenti :

CTL-G S	Split screen: crea una nuova finestra.
CTL-G D	Delete window : elimina una finestra.
CTL-G +n	Amplia le dimensioni della finestra corrente di n righe.
CTL-G -n	Riduce le dimensioni della finestra corrente di n righe.
CTL-G n	Sposta il cursore sulla n-esima finestra.
CTL-G K	Kill: uccide il processo che sta girando in quella finestra.
CTL-P	Previous: richiama l'ultimo comando lanciato.

3.3 Comandi

I seguenti comandi vanno dati da una finestra che non sia la 0. Quindi se esiste solo la finestra 0 è necessario creare la finestra 1 con il comando CTL-G S (split).

Gstatus	gateway status
Ghalt	gateway halt
Gwinit -o	inizializza modo operativo (va dato dalla finestra 0).
TRAP	attivazione (disattivazione) della traccia selettiva.
Trap p +n	attiva la stampa locale della traccia.

Trap p -n disattiva la stampa locale della traccia.
 Trap n +n attiva l'invio al NOC della traccia.
 Trap n -n disattiva l'invio al NOC della traccia.
 Trap oper ripristina il default.

Principali numeri delle trap (vedi elenco completo in appendice).

325 trap "link come up times".
 326 trap HDLC link (linea Fucino-Pisa) checksum errors, hardware errors dall'ultimo reset.
 327 trap numero dei frames HDLC.
 328 trap numero dei frames HDLC con dati.
 521 trap sulla board MIO.
 522 trap sulla board MIO

Per mettere (togliere) la trappola, dopo aver aperto la finestra, si deve dare il comando:
Trap +(-) n

Proute stampa il contenuto delle routing tables;
 ogni riga ha il seguente tracciato:
 Dest-Net-Address #of hops Next-gateway Interface-id

Showmem display della memoria per ogni processor.

Rm " processname " rimuove dalla memoria il processo specificato.

Kick -daddr -saddr -pn -rm -ti Questo comando invia pacchetti di test.

daddr indirizzo del destinatario
 saddr indirizzo del mittente
 n numero di pacchetti al secondo (consigliato 1, comunque < 20)
 m durata in secondi dell'invio
 i tipo del pacchetto (normalmente 8 = echo request)

Printstats mostra il risultato del comando Kick. (Da dare trascorsi gli *m* secondi).

Esempio : Verificare se l'IBM del CNUCE risponde e quindi quindi anche Ethernet funziona.
 Kick -d 192.12.192.2 -s192.12.192.1 -p1 -r3 -t8
 Printstats dovrà stampare: packets sent 3 packet received 3.

3.4 In caso di : CRASH

Il crash del Gateway può essere riscontrato localmente o venire segnalato dal NOC (Network Operation Center).

In ogni caso occorre :

1. Riempire in ogni sua parte il modulo Malfunction Report (nella cartellina presso il Gateway) specificando il proprio nome, data e ora in cui è stato riscontrato il crash, stato delle luci sul pannello esterno e sulle board interne, messaggi che appaiono sullo schermo del Macintosh (ricordarsi di aumentare la

luminosità girando il nottolino sotto lo schermo) e le eventuali azioni intraprese per ripristinare il corretto funzionamento

2. Chiamare il NOC (se non si è stati da loro chiamati) 001 - 617 - 873 - 2900.
3. Segnalare lo stato della macchina e seguire le loro indicazioni.

4.0 Appendice

4.1 Procedure Operative : Diagnostica

Quando si accende (POWER ON) il Gateway i led verdi dei tre processor board si accendono. Viene effettuato un self-test segnalato dall' accensione dei led rossi per 30 secondi circa, trascorsi i quali, se qualche led rosso rimane acceso, questo indica un malfunzionamento sulla relativa scheda; a questo punto si può provare a rifare il power on di questa scheda usando il relativo micro switch.

Per caricare i diagnostici è necessario espellere i dischetti operativi.
Per espellere i dischetti : premere il bottone di reset del Macintosh (sul fianco sinistro il primo bottone verso la parte frontale) mentre si tiene premuto il bottone del mouse.

Inserire il dischetto dei diagnostici nel drive interno. Premere Reset sul pannello frontale.
(Il sottolineato va battuto a tastiera).

Terminal type : larva <CR>
Shell to use : <CR>

SYSCHECK Test generale

Switch 2 columns 1 path
Memory 3.00 m
3 1M Nodes
3 Nodes
Cage : 0 1 2 3 7 B
 1 1 1

(N.B. : Ignorare i messaggi di errore seguenti)

POOLTEST Test di Comunicazione tra i Processor

Any changes ? <CR> (il default è YES)
Add node 3 ? <CR>
Add node 7 ? <CR>
Add node B ? <CR>
Any changes ? N
Any changes ? <CR>
.....
.....
Verbosity level 0
Loop on error N per fermarsi al primo errore incontrato.
Y per continuare il test ed avere il risultato finale.
Any changes ? N
Pooltest > A
Pooltest > 4
Any changes ? N
Start test ? Y

(mentre il test gira si può ottenere il sommario degli errori battendo e).

Battere q una prima volta per fermare il test
Battere q una seconda volta per tornare al S.O.

ETHER Test della Scheda Ethernet

Enter processor number : 3
(La scheda Ethernet essendo sul Multibus #1 è gestita dal processor 3).
(Il test va in loop scrivendo "My Ethernet address is").

Battere <CR> per fermare il test.

MEMTEST Test della Memoria

Memtest 3 range 20000 ffff (per la memoria del processor 3).
Memtest 7 range 20000 ffff (per la memoria del processor 7).

(Deve essere l'ultimo test perché distrugge il contenuto della memoria ed anche il Sistema Operativo).

Loop for ever ? Y (Ignorare i primi messaggi di errore).

Battere q per fermare il test. (Si ferma a completamento del passo di esecuzione).

4.2 *Indirizzi Utili*

192.12.192.1	BUTTERFLY GW CNUCE	(lato Ethernet)
4.0.0.39	BUTTERFLY GW CNUCE	(lato Satnet)
192.12.192.2	CNUCE - VM	(IBM 3081)
192.12.192.30	CNUCE VAX	(Vax 8200)
192.12.192.4	CNUCE SUN	(Sun 3/140)
192.12.192.9	Token Ring GW	(Lato Ethernet)
192.12.193.9	Token Ring GW	(Lato Token Ring)
4.0.0.40	Echo SIMP	
4.0.0.93	Fucino Echo	
4.0.0.61	GW CSS	(Satnet)
10.2.0.28	GW CSS	(Arpanet)
4.0.0.24	GW DCEC	(Satnet)
10.1.0.20	GW DCEC	(Arpanet)
28.37.0.0	GW DCEC	(Wideband)
7.0.0.2	GW DCEC	(Edn)
4.0.0.38	GW NTARE	(Satnet)
4.0.0.60	UCL GW	(Satnet) Butterfly Inghilterra
4.0.0.25	RSRE-GW	(Satnet) Butterfly Inghilterra
10.0.0.51	SRI - NIC	

4.3 Conclusioni

Come si può ben vedere sono molti gli indirizzi di nodi di rete ai quali si può accedere mediante il Butterfly. Per poter tenere sotto controllo lo stato dei collegamenti fra le reti, che maggiormente interessano al CNUCE, ci si avvale di un PC su cui gira un programma che fa un monitoraggio delle reti in questione (ARPANET - SATNET - ETHERNET) e mostra i malfunzionamenti onde poter prendere quanto prima gli opportuni provvedimenti.

In allegato sono tre tavole molto semplici e di facile comprensione, che mostrano rispettivamente la situazione della linea a 48 kbps fra il Fucino e Pisa, la rete SATNET e la situazione delle principali reti sotto monitor del PC; segue, a termine, l'elenco completo delle Trap che si possono utilizzare.

LINEA 48 Kbps FUCINO-PISA

MBT = Modem in Banda Traslata

MBB = Modem in Banda Base

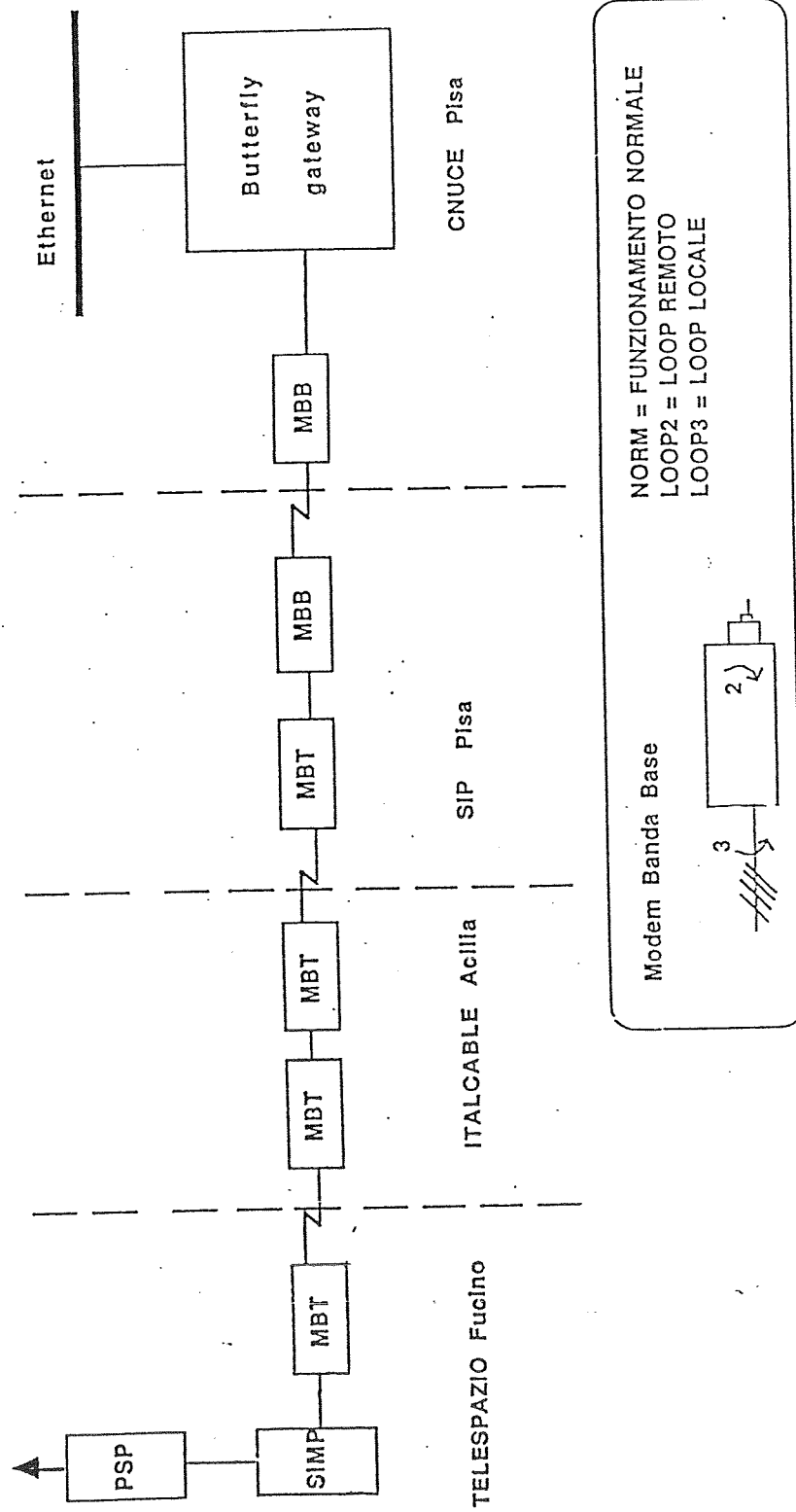


Figura 5.

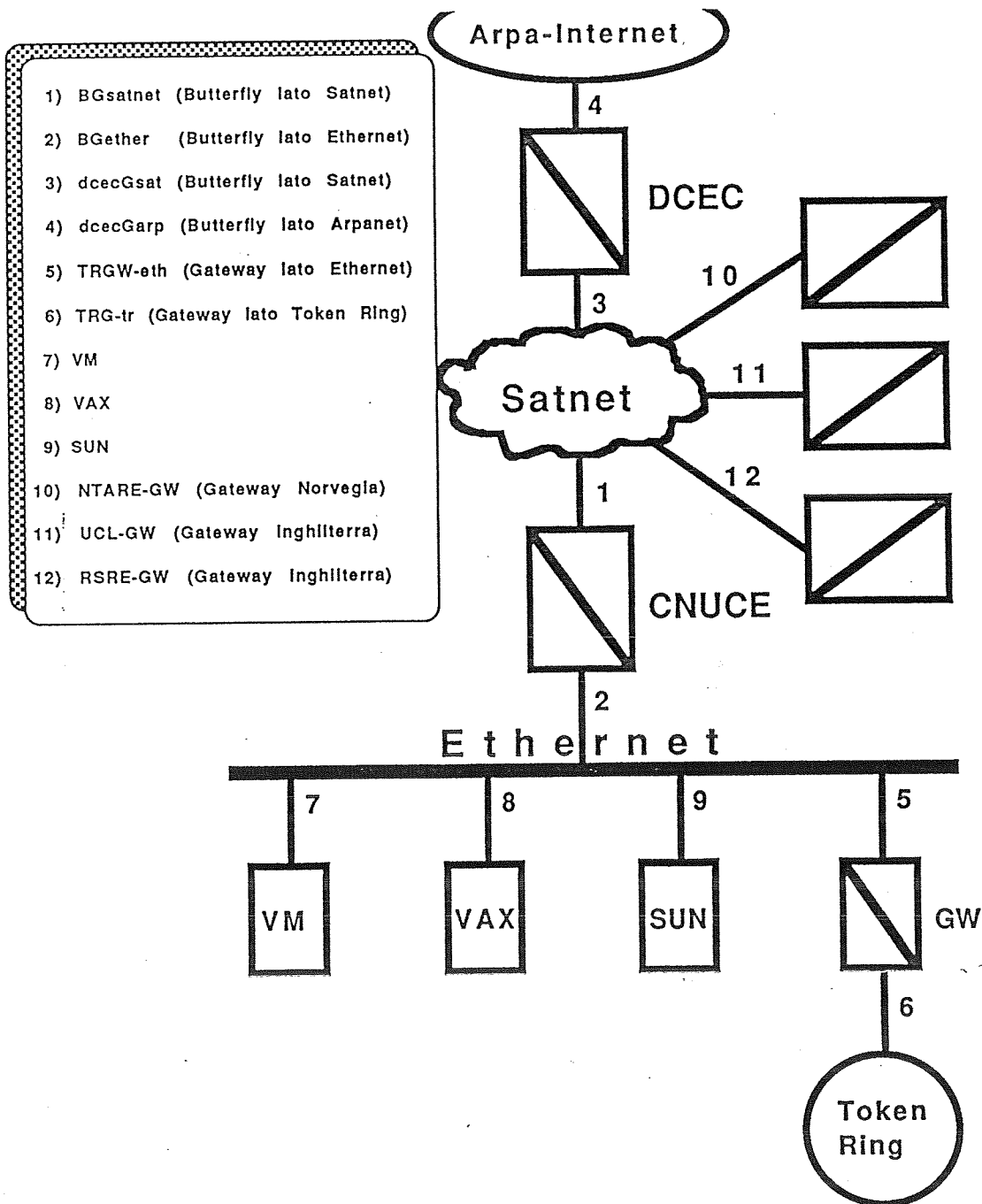
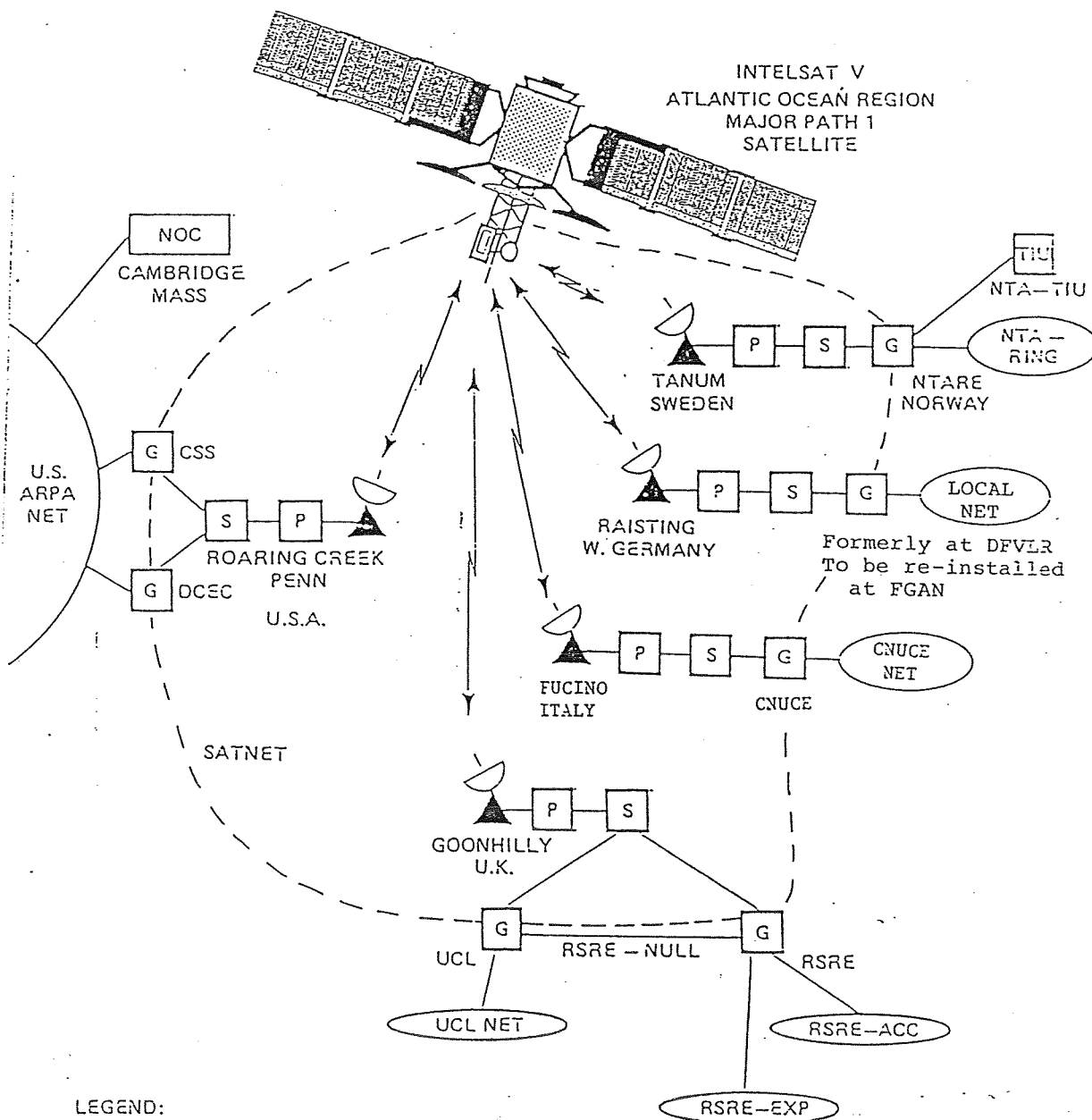


Figura 6.

SATNET
THE ATLANTIC PACKET SATELLITE NETWORK



LEGEND:

- G: INTERNET GATEWAY
- NOC: BBN NETWORK OPERATIONS CENTER
- P: PACKET SATELLITE PROGRAM TERMINAL
- S: SATELLITE INTERFACE MESSAGE PROCESSOR
- TAC: TERMINAL ACCESS CONTROLLER
- TIU: TERMINAL INTERFACE UNIT

Figura 7. Il Sistema di Reti SATNET

4.4 Elenco TRAP

Sep 11 13:01 1987 v3.10/trapmsg.sort Page 1

```
./ahip/ahip.c 1042 Crash0 "" **PREV CRASH** AHIP requires no module above and one fo
./ahip/ahip.c 1043 TRAP_DEBUG "d" AHIP IndexAsUpper is %d
./ahip/ahip.c 1044 Crash0 "" **PREV CRASH** AHIP requires module below and none four
./ahip/ahip.c 1129 TRAP_FIRE "dxx" AHIP: %d SubmitPacket reached when flow cntrlled
./ahip/ahip.c 1130 TRAP_FIRE "d" AHIP: %d dropped packet
./ahip/ahip.c 1136 TRAP_FIRE "d" AHIP: %d dropped SavePkt
./ahip/ahip.c 196 Crash2 "xd" **PREV CRASH** Pkt %x too long: %d bytes
./ahip/ahip.c 577 TRAP_DEBUG "xx" AhipOutputAccept(%x, %x)
./ahip/ahip.c 578 TRAP_DEBUG "dxx" AHIP: %d Flow Controlled by lower level, Pkt %x
./ahip/ahip.c 579 TRAP_DEBUG "xx" AhipProduceEvent SavePkt = %x EH = %x
./ahip/ahip.c 580 TRAP_DEBUG "dx" AHIP: %d received and dropped packet with bad forma
./ahip/ahip.c 581 TRAP_DEBUG "ddd" AHIP: %d DATA packet size wrong (%d should be %d)
./ahip/ahip.c 582 TRAP_FIRE "dd" AHIP: %d Input on bad link %d
./ahip/ahip.c 583 TRAP_FIRE "dd" AHIP: %dIMP leader error, subtype %d
./ahip/ahip.c 584 TRAP_FIRE "d" AHIP: %d IMP going down
./ahip/ahip.c 585 TRAP_FIRE "dd" AHIP: NOP rcved with addr host %d imp %d
./ahip/ahip.c 586 TRAP_DEBUG "dddd" AHIP: %d Host %d Imp %d DEAD, subtype %d
./ahip/ahip.c 588 TRAP_DEBUG "ddd" AHIP: %d RFNM from IMP for host %d imp %d
./ahip/ahip.c 589 TRAP_DEBUG "dddd" AHIP: %d INCOMPLETE Received for Host %d Imp %d s
./ahip/ahip.c 590 TRAP_DEBUG "d" AHIP: %d IMP data error
./ahip/ahip.c 591 TRAP_FIRE "d" AHIP: %d RESET from IMP
./ahip/ahip.c 592 TRAP_FIRE "dd" AHIP: %d Bad IMP type field (%d)
./ahip/ahip.c 593 TRAP_DEBUG "x" AHIP: received output packet for %x
./ahip/ahip.c 598 TRAP_DEBUG "dddd" AHIP: %d Host %d Imp %d DEAD STATUS, status = %d
./ahip/ahip.c 599 TRAP_FIRE "dx" AHIP: %d Bad address in nop %x
./ahip/ahip.c 835 TRAP_FIRE "d" AHIP: %d dropped packet
./ahip/ahip.c 836 TRAP_DEBUG "d" AHIP %d dropped packet
./ahip/ahip.c 838 TRAP_DEBUG "dxx" AHIP: %d host %d/%d appears to be DEAD
./ahip/ahip.c 839 TRAP_FIRE "d" AHIP: %d Unable to dequeue enough buffers for probe
./ahip/ahip.c 841 TRAP_FIRE "d" AHIP: %d ProbeTimer fired; interface is down
./ahip/ahip.c 842 TRAP_DEBUG "x" AHIP:Output output is %x
./ahip/ahip.c 890 TRAP_DEBUG "xx" AHIP:Priority output is bufid %x bufptr %x
./ahip/ahip.c 895 TRAP_DEBUG "sxd" AHIP %s Pkt %x nbytes %d
./ahip/ahip.c 896 TRAP_DEBUG "sxd" AHIP %s Pkt %x nbytes %d
./ahip/ahip.c 949 TRAP_DEBUG "" AHIP: Driver is up was posted \n
./ahip/ahip.c 950 TRAP_DEBUG "" AHIP: RdyComeUp was posted \n
./ahip/ahip.c 951 TRAP_DEBUG "d" AHIP: %d Unable to dequeue enough buffers for NOPS\n
./ahip/ahip.c 954 TRAP_FIRE "" AHIP: %d is looped
./ahip/ahipmio.c 1132 Crash3 "xdd" **PREV CRASH** CheckUseCount: buf %x bad use_cnt %
./ahip/ahipmio.c 596 TRAP_DEBUG "d" DriverInputDispose(%d bytes)
./ahip/ahipsyn.c 1018 TRAP_DEBUG "xd" /*AhipOutputDispose %x, PktLength %d
./ahip/ahipsyn.c 1019 TRAP_DEBUG "xx" /*HdhOutputDispose(%x, %x)
./ahip/ahipsyn.c 1020 TRAP_DEBUG "x" /*HdhInputDispose(%x)
./ahip/ahipsyn.c 1021 TRAP_DEBUG "x" /*AhipInputDispose(%x)
./ahip/hosts.c 1008 TRAP_DEBUG "dd" AHIP: Timed out free host block for %d/%d
./ahip/hosts.c 1009 TRAP_DEBUG "dd" AHIP: Timed out dead host block for %d/%d
./ahip/hosts.c 1045 TRAP_DEBUG "x" queue address: %x
./ahip/hosts.c 1137 TRAP_DEBUG "dddd" AHIP: # %d rxdata %d rxcntl %d active host blo
./ahip/hosts.c 576 TRAP_DEBUG "ddd" Freed rfnm slot %d for %d/%d
./ahip/hosts.c 600 TRAP_DEBUG "ddd" GetBucket: imp(%d), host(%d) maps to %d
./ahip/hosts.c 601 TRAP_FIRE "dd" MakeHostEntry:cannot allocate AHIPHOSTBLOCK for %d/
./ahip/hosts.c 602 TRAP_DEBUG "dd" AHIP: FindHostEntry:cannot get the slot for %d/%d
./ahip/hosts.c 603 TRAP_DEBUG "dd" AHIP:FindHostEntry: No match found for %d/%d
./ahip/hosts.c 604 TRAP_FIRE "" AHIP:FindHostEntry:unable to make a new 1822 entry
./ahip/hosts.c 605 TRAP_DEBUG "ddx" AHIP:FindHostEntry: Found a match for %d/%d at %x
./ahip/hosts.c 606 TRAP_DEBUG "ddd" AHIP:Freeing unused rfnm slot %d for %d/%d
```

```

./ahip/hosts.c 607 TRAP_OPER "xx" Consistency: received rfnm for record %x with bad m
./ahip/hosts.c 806 TRAP_DEBUG "x" block address: %x
./ahip/hosts.c 807 TRAP_DEBUG "x" block next: %x
./ahip/hosts.c 808 TRAP_DEBUG "x" block prev: %x
./ahip/hosts.c 809 TRAP_DEBUG "x" block queue: %x
./ahip/hosts.c 810 TRAP_DEBUG "d" block id: %d
./ahip/hosts.c 811 TRAP_DEBUG "d" block host: %d
./ahip/hosts.c 812 TRAP_DEBUG "d" block imp: %d
./ahip/hosts.c 813 TRAP_DEBUG "d" block status: %d
./ahip/hosts.c 814 TRAP_DEBUG "x" block status date: %x
./ahip/hosts.c 815 TRAP_DEBUG "d" block rfnm count: %d
./ahip/hosts.c 816 TRAP_DEBUG "dd" block %d ttl = %d
./ahip/hosts.c 817 TRAP_DEBUG "x" queue first: %x
./ahip/hosts.c 818 TRAP_DEBUG "x" queue last: %x
./ahip/hosts.c 819 TRAP_DEBUG "x" queue count: %x
./ahip/hosts.c 821 TRAP_DEBUG "ddddddx" AHIP: %d Host slot %d for %d/%d rfnm cnt %d w
./ahip/hosts.c 822 TRAP_DEBUG "ddd" AHIP:Timed out rfnm %d for %d/%d
./ahip/hosts.c 824 TRAP_DEBUG "dd" AHIP:Rfnm waitq exceeded for %d/%d so buffer is dr
./ahip/hosts.c 826 TRAP_DEBUG "d" block waitq count: %d
./biosyn/biosyn.c 861 TRAP_FIRE "" BioSyn LOOPED (BeLooped)
./biosyn/biosyn.c 862 TRAP_FIRE "" BioSyn UNLOOPED (BeUnlooped)
./biosyn/biosyn.c 878 TRAP_DEBUG "d" BioSyn IndexAsLower is %d
./biosyn/biosyn.c 879 Crash0 "" **PREV CRASH** BioSyn requires module above and none
./biosyn/biosyn.c 880 Crash0 "" **PREV CRASH** BioSyn requires no module below and o
./biosyn/biosyn.c 881 Crash4 "ssxd" **PREV CRASH** %s throwtext: %s, throwvalue 0x%x
./biosyn/biosyn.c 882 TRAP_OPER "s" BIO FAILED to %s
./biosyn/biosyn.c 883 Crash0 "" **PREV CRASH** BIO FAILED to unloop at initializatio
./biosyn/biosyn.c 888 TRAP_DEBUG "s" BioSyn setting event IS UP %s
./biosyn/biosyn.c 889 TRAP_DEBUG "" BioSyn setting event IS DOWN (SYNDisable)
./dispatch/dinit.c 253 Crash0 "" **PREV CRASH** something was on the Dispatch queue!
./dispatch/dispatch.c 1006 TRAP_FIRE "" Disp: Bad GGVER, dropping packet
./dispatch/dispatch.c 1017 TRAP_DEBUG "aaadddd" Disp: src %a: dest %a: next hop %a, o
./dispatch/dispatch.c 1032 TRAP_DEBUG "d" Disp: OUTPUT queue full; dropping packet -
./dispatch/dispatch.c 1046 TRAP_DEBUG "d" Disp: dropping packet; failed to charge to
./dispatch/dispatch.c 1095 TRAP_DEBUG "aaddd" Disp: src %a: dest %a, o_set %d, nbytes
./dispatch/dispatch.c 1115 TRAP_DEBUG "ddd" packets dropped copy %d, not copy %d not
./dispatch/dispatch.c 141 TRAP_FIRE "d" Disp: dropping packet from device %d; no IP H
./dispatch/dispatch.c 144 TRAP_DEBUG "d" Disp: dropping packet; failed to charge to d
./dispatch/dispatch.c 145 TRAP_DEBUG "" Disp: FORUS queue full; dropping packet
./dispatch/dispatch.c 146 TRAP_FIRE "I" Disp: dropping packet; don't fragment %I
./dispatch/dutil.c 1091 TRAP_FIRE "aaa" Disp: packet too short src %a: dest %a prev h
./dispatch/dutil.c 1108 TRAP_FIRE "aaa" Disp: packet too short src %a: dest %a prev h
./dispatch/dutil.c 114 TRAP_FIRE "dd" Disp: bad IP version %d ( != %d)
./dispatch/dutil.c 115 TRAP_FIRE "dd" Disp: bad IHL %d ( < %d )
./dispatch/dutil.c 116 TRAP_FIRE "d" Disp: bad packet length %d
./dispatch/dutil.c 117 TRAP_FIRE "xI" Disp: bad IP header cksum 0x%x %I
./dispatch/dutil.c 142 TRAP_DEBUG "I" Disp: Time To Live expired on %I
./dispatch/dutil.c 149 Crash0 "" **PREV CRASH** MarkBuffers - too many buffers\n
./dispatch/dutil.c 150 Crash0 "" **PREV CRASH** MarkBuffers - too few buffers\n
./dispatch/dutil.c 151 Crash0 "" **PREV CRASH** CopyDirectly: not enough buffers\n
./dispatch/dutil.c 152 Crash0 "" **PREV CRASH** CopyDirectly: buffers left over\n
./dispatch/fragment.c 1014 TRAP_DEBUG "d" Disp: frag dropping packet on device %d
./dispatch/fragment.c 1014 TRAP_DEBUG "d" Frag: some buffer left %d
./dispatch/fragment.c 1014 TRAP_DEBUG "d" Frag: some buffer left %d
./dispatch/fragment.c 1029 TRAP_DEBUG "dd" Disp frag: data sent %d IP->FO %d
./dispatch/fragment.c 1030 TRAP_DEBUG "dd" Disp frag: IP->TL %d IP->MF %d

```

Segue elenco

Sep 11 13:01 1987 v3.10/trapmsg.sort Page 3

```

./dispatch/fragment.c 1031 TRAP_DEBUG "dd" Disp frag: data sent %d IP->FO %d
./dispatch/fragment.c 1039 TRAP_DEBUG "dd" Disp frag:IP->TL %d IP->MF %d
./dispatch/fragment.c 1040 TRAP_DEBUG "dddd" BuffData %d nbytes %d, max %d, Buff %d
./dispatch/fragment.c 1096 TRAP_DEBUG "ddd" MTU %d, data_size %d ip->TL %d
./dispatch/fragment.c 1097 TRAP_DEBUG "xxddd" Disp: npkt %x: bnxt %x: maxs %d: nbytes
./dispatch/fragment.c 333 Crash0 "" **PREV CRASH** eek!! ran out of buffers
./dispatch/options.c 390 TRAP_DEBUG "xxI" Disp: parameter problem byte %x option %x I
./dispatch/routing.c 1022 TRAP_DEBUG "aaad" Disp GG src %a: dest %a: next hop %a: dev
./dispatch/routing.c 1023 TRAP_DEBUG "aaad" source %a dest %a next hop %a device %d
./dispatch/routing.c 1037 TRAP_DEBUG "a" Disp entering hash route with net %a
./dispatch/routing.c 629 TRAP_DEBUG "aaad" Disp IGP source %a: dest %a: next hop %a:
./dispatch/routing.c 775 TRAP_FIRE "aa" Disp gateway was invalid exit: source %a - de
./dispatch/routing.c 775 TRAP_FIRE "daa" Disp gateway was invalid exit: entry gwy %d
./dispatch/routing.c 775 TRAP_FIRE "daa" Disp gateway was invalid exit: entry gwy %d
./dispatch/routing.c 785 TRAP_DEBUG "aaad" Disp EGP source %a: dest %a: next hop %a:
./dispatch/routing.c 906 TRAP_DEBUG "aa" Disp src %a dest %a, can't find next hop
./egp/egp.c 1057 TRAP_DEBUG "addsddd" EGP: %a R=%d S=%d %s Ht=%d Pt=%d St=%d%s
./egp/egp.c 1058 TRAP_DEBUG "add" net %a dist %d ttl %d
./egp/egp.c 1059 TRAP_DEBUG "axxx" EGP: CntUp %a, bits %x, jk %x, jj %x
./egp/egp.c 1060 TRAP_DEBUG "axxx" EGP: CntDn %a, bits %x, jk %x, kk %x
./egp/egp.c 1061 Crash1 "d" **PREV CRASH** CONFIG: EGP info has only %d numbers
./egp/egp.c 459 Crash4 "axdd" **PREV CRASH** EGP Event: neighbor %a (blk 0x%x) event
./egp/egp.c 462 TRAP_OPER "a" EGP (CRASH!) should not send to indirect neighbor %a
./egp/egp.c 463 TRAP_FIRE "ad" EGP neighbor %a using my AS# %d
./egp/egp.c 464 TRAP_FIRE "Sxxa" EGP %s was %x, should be %x, from %a
./egp/egp.c 465 TRAP_FIRE "dda" EGP length was %d, should be .ge. %d, from %a
./egp/egp.c 466 TRAP_FIRE "ads" EGP new neighbor %a, auton sys %d, snd hlo=%s
./egp/egp.c 467 TRAP_DEBUG "assss" EGPEvent: nbr %a, event %s, state %s->%s, action
./egp/egp.c 468 TRAP_FIRE "adxxx" EGP: err msg from %a, code %d, hdr %x %x %x
./egp/egp.c 469 TRAP_FIRE "a" EGP can't get buffer to send to %a
./egp/egp.c 735 TRAP_DEBUG "aS" EGP -to- %a %s
./egp/egp.c 741 TRAP_OPER "a" EGP: cannot remove %a because it is not a neighbor
./egp/egp.c 742 TRAP_DEBUG "a" EGP FreeVars: drop neighbor %a
./egp/egp.c 745 TRAP_DEBUG "aS" EGP from %a %s
./egp/egp.c 764 TRAP_DEBUG "s" EGP pkt -- %s
./egp/egp.c 891 TRAP_OPER "sddddddddd" EGPInit: core=%s AS#=%d nets=%d nbrs=%d/%d P
./egp/egp.c 983 TRAP_FIRE "a" EGP: no table space to add neighbor %a
./egp/egp.c 984 TRAP_OPER "a" CONFIG: EGP no table space to initiate neighbor %a
./egp/egp.c 992 TRAP_FIRE "ad" EGP SEND: interface to nbr %a down (%d)
./egp/gateegp.c 253 Crash0 "" **PREV CRASH** something was on the EGP queue!
./egp/gateegp.c 253 Crash0 "" **PREV CRASH** something was on the EGP queue!
./egp/gateegp.c 639 TRAP_FIRE "a" EGP dropping packet to %a because DispatchQ is fu
./egp/gateegp.c 993 TRAP_FIRE "aS" EGP neighbor %a is %S
./egp/getpacket.c 311 TRAP_DEBUG "" /*GetPacket can't get first buffer
./egp/getpacket.c 313 TRAP_DEBUG "dd" /*GetPacket only got %d bytes, wants %d
./egp/getpacket.c 317 TRAP_DEBUG "d" /*GetPacket called for %d data bytes
./egp/maktab.c 1386 TRAP_FIRE "d" EGP dispatch table lock waited %d time(s)
./egp/maktab.c 1387 TRAP_DEBUG "ddd" EGP dispatch table switch to # %d, unused %d/%
./egp/maktab.c 1388 TRAP_OPER "da" EGP disp table neighbor size %d overflow with nr
./egp/regp.c 1052 TRAP_DEBUG "aa" EGP: no room for indirect nbr %a from %a
./egp/regp.c 1053 TRAP_FIRE "aa" EGP: off-net routing request by nbr %a for net %a
./egp/regp.c 1054 TRAP_DEBUG "sx" EGP RcvUpdate: throw because %s, val %x
./egp/regp.c 1055 TRAP_DEBUG "aa" egp: IGNORE REPORT from %a about neighbor %a
./egp/regp.c 1056 TRAP_DEBUG "ada" egp: route to net %a is %d hop(s) via %a
./egp/regp.c 1377 TRAP_DEBUG "dx" EGP rcvd NR msg of %d bytes fm nbr %a
./egp/segp.c 1376 TRAP_DEBUG "dxd" EGP sent NR msg of %d bytes to nbr %a (trunc = %

```

Sep 11 13:01 1987 v3.10/trapmsg.sort Page 4

```

./egp/segp.c 1378 TRAP_FIRE "a" EGP route: Net unreachable %a
./egp/segp.c 1379 TRAP_DEBUG "xada" EGP SnarfNet: 0x%x, hop %a, dist %d, net %a
./egp/segp.c 1380 TRAP_DEBUG "aa" EGP omit route about self %a on comm net to nbr
./egp/segp.c 1381 TRAP_DEBUG "ada" EGP omit route(s) via nbr %a on same AS %d as
./egp/segp.c 1382 TRAP_DEBUG "da" EGP omit interior dist %d to int nbr %a
./egp/segp.c 1383 TRAP_DEBUG "da" EGP omit exterior dist %d to ext nbr %a
./egp/segp.c 1384 TRAP_DEBUG "aa" EGP omit our common net %a to rcvr %a
./egp/segp.c 1385 TRAP_DEBUG "aada" EGP info to nbr %a: use %a, dist %d to %a
./egp/segp.c 945 TRAP_FIRE "aa" EGP: nbr %a polled us, asking for remote net %a
./ether/ether.c 1121 TRAP_DEBUG "d6X" Ether#%d: IP broadcast from %6X dropped
./ether/ether.c 407 TRAP_FIRE "d6Xdd" Ether#%d: ARP from %6X only %d long, need %d
./ether/ether.c 408 TRAP_FIRE "d6Xdd" Ether#%d: ARP from %6X ar_hardware %d instead
./ether/ether.c 409 TRAP_FIRE "d6Xdd" Ether#%d: ARP from %6X ar_hlen %d instead of
./ether/ether.c 410 TRAP_DEBUG "dx6X" Ether#%d: unknown type 0x%x from %6X
./ether/ether.c 411 TRAP_FIRE "d6Xdd" Ether#%d: ARP from %6X only %d long. Need %d
./ether/ether.c 412 TRAP_FIRE "d6Xdd" Ether#%d: ARP from %6X, ar_plen %d instead of
./ether/ether.c 413 TRAP_FIRE "d4D6X4D6X" Ether#%d: ARP from %6X, %4D->%6X claims o
./ether/ether.c 414 TRAP_FIRE "d6X4D6X" Ether#%d: ARP from %6X, reply spoofs MYSELF
./ether/ether.c 415 TRAP_FIRE "d6Xd" Ether#%d: ARP from %6X operation %d not recogn
./ether/ether.c 416 TRAP_DEBUG "d4D6X" Ether#%d: flush address map entry %4D->%6X
./ether/ether.c 417 TRAP_DEBUG "d4D6X" Ether#%d: install address map entry %4D->%6X
./ether/ether.c 418 TRAP_FIRE "d4D6X6X" Ether#%d: IP %4D new EADDR %6X (old %6X)
./ether/ether.c 419 TRAP_DEBUG "d4D" Ether#%d: send request for IP address %4D
./ether/ether.c 420 TRAP_DEBUG "d4D" Ether#%d: output to %4D dropped; init not fini
./ether/ether.c 421 TRAP_DEBUG "d4D" Ether#%d: still waiting for ARP reply from %4D
./ether/ether.c 422 TRAP_DEBUG "d4D6X" Ether#%d: aged - remove map entry %4D->%6X
./ether/ether.c 898 TRAP_FIRE "dd" Ether#%d: arp table room for %d entries
./ether/ether.c 905 TRAP_DEBUG "dx6X" Ether#%d: probe (type 0x%x) from %6X
./ether/exos.c 1122 Crash1 "d" **PREV CRASH** Ether#%d: writeportB could not write t
./ether/exos.c 236 TRAP_FIRE "dx" Ether#%d: SQE absent (xmit err code %x)
./ether/exos.c 237 TRAP_FIRE "d" Ether#%d: excessive collisions for transmission
./ether/exos.c 238 TRAP_FIRE "d" Ether#%d: no carrier. Connected to net?
./ether/exos.c 239 TRAP_FIRE "dx" Ether#%d: xmit length not in range (err cod %x)
./ether/exos.c 240 TRAP_FIRE "dx" Ether#%d: xmit_err code %x
./ether/exos.c 241 TRAP_OPER "ddd" Ether#%d: transmit %d .gt. max (%d) bytes?
./ether/exos.c 242 TRAP_OPER "ddd" Ether#%d: transmit %d .gt. max (%d) buffers?
./ether/exos.c 243 TRAP_FIRE "dx" Ether#%d: rcv error code %x
./ether/exos.c 244 TRAP_DEBUG "d6X" Ether#%d: my local address is %6X
./ether/exos.c 246 TRAP_OPER "dxxx" Ether#%d: mode (%x) is not %x or %x - making it
./ether/exos.c 429 TRAP_DEBUG "dddddddd" Ether#%d: software maxru=%d in=%d out=%d c
./ether/exos.c 430 TRAP_DEBUG "dddddddd" Ether#%d: board snt=%d col=%d tdr=%d rod=%
./ether/exos.c 433 TRAP_FIRE "d" Ether#%d: Excelan reset timed out
./ether/exos.c 434 TRAP_FIRE "d" Ether#%d: board configuration timeout
./ether/exos.c 435 TRAP_FIRE "dx" Ether#%d: board configuration fails - errcode 0x
./ether/exos.c 436 TRAP_OPER "dxSxx" Ether#%d: writeportB throw cod 0x%x %s val 0x%
./ether/exos.c 437 TRAP_OPER "dx" Ether#%d: exos bad reply code 0x%x
./ether/exos.c 438 TRAP_OPER "dxd" Ether#%d: MULTICAST ADR?? rmask 0x%x aslot %d
./ether/exos.c 445 TRAP_OPER "dxx" Ether#%d: no ethernet hardware on node '%x' at (
./ether/exos.c 446 Crash3 "ddx" **PREV CRASH** Ether: %d buffers do not have %d byte
./ether/exos.c 447 TRAP_OPER "d" Ether#%d: board waiting for alloc_request
./ether/exos.c 899 TRAP_FIRE "dxdddd" Ether#%d: exos ioadr %x, msgs to %d, fm %d, m
./ether/gateether.c 1 Crash1 "d" **PREV CRASH** Ether#%d: CONFIG Data not provided
./ether/slowdown.c 1146 TRAP_FIRE "dd" process# %d: shutdown in %d seconds
./ether/we.c 1107 TRAP_FIRE "dxx" Ether#%d: DOWN going from %x to %x (not 0 means d
./ether/we.c 900 TRAP_FIRE "dxx" Ether#%d: UP going from %x to %x (0 means up)
./forus/amgen.c 311 TRAP_DEBUG "" /*GetInputPacket can't get first buffer

```



```

./forus/amgen.c 313 TRAP_DEBUG "dd" /*GetInputPacket only got %d bytes, wants %d
./forus/amgen.c 317 TRAP_DEBUG "d" /*GetInputPacket called for %d data bytes
./forus/amgen.c 319 TRAP_DEBUG "Id" MsgGen sending packet %I, Identifier=%d
./forus/amgen.c 406 TRAP_DEBUG "Id" MsgGen received pkt %I, identifier=%d
./forus/forus.c 1033 Crash0 "" **PREV CRASH** something was on the ForUs queue!
./forus/forus.c 1100 TRAP_OPER "" Gateway starting; no previous crash
./forus/forus.c 158 Crash2 "dd" **PREV CRASH** ForUs got pkt with IPHeaderOffset %d
./forus/forus.c 252 TRAP_DEBUG "dI" ForUs: Protocol %d not implemented %I, sending
./forus/forus.c 476 TRAP_DEBUG "I" ForUs: sending pkt: %I
./forus/forus.c 770 TRAP_DEBUG "I" /*ForUs got pkt: %I
./forus/hmp.c 1034 Crash1 "d" **PREV CRASH** CollectMonitoreeResponses: Req %d not p
./forus/hmp.c 1035 Crash1 "x" **PREV CRASH** Only traps so far, got monitoree resp %
./forus/hmp.c 261 TRAP_OPER "xI" Bad HMP checksum %x for %I
./forus/hmp.c 272 TRAP_OPER "d" illegal constant part of HMP poll, byte # %d
./forus/hmp.c 278 TRAP_DEBUG "" /*Monitoring tick occurred
./forus/hmp.c 279 TRAP_DEBUG "d" Starting Monitoring state machine %d
./forus/hmp.c 280 TRAP_DEBUG "x" /*Sending Monitoring request %d to monitorees
./forus/hmp.c 284 TRAP_OPER "d" HMP R-Subtype %d is illegal
./forus/hmp.c 287 TRAP_OPER "" Incomplete HMP parameter received
./forus/hmp.c 288 TRAP_OPER "" Incomplete HMP parameter value received
./forus/hmp.c 329 TRAP_OPER "" Can't get buffers for HMP reply
./forus/hmp.c 334 TRAP_OPER "" Packet physically too short for fixed part of HMP he
./forus/hmp.c 335 TRAP_OPER "" Packet physically too short for end of HMP header
./forus/hmp.c 336 TRAP_OPER "d" IP pkt TotalLen %d too short for HMP header
./forus/hmp.c 337 TRAP_OPER "d" IP pkt TotalLen %d too short for end of HMP header
./forus/hmp.c 448 TRAP_FIRE "d" Illegal or unimplemented HMP poll %d
./forus/hmp.c 630 TRAP_OPER "d" Unknown HMP control parameter %d ignored
./forus/hmp.c 631 TRAP_OPER "" Gateway restart requested; crashing
./forus/hmp.c 632 Crash3 "dsa" **PREV CRASH** Restart requested; crashing; Test junk
./forus/hmp.c 865 TRAP_OPER "d" illegal HMP system type %d
./forus/icmp.c 1074 TRAP_FIRE "" Unable to build ICMP Error msg; freeing buf
./forus/icmp.c 1075 TRAP_FIRE "I" ICMP: Error checksumming packet
./forus/icmp.c 256 TRAP_FIRE "xI" Bad ICMP checksum %x for pkt %I; packet dropped
./forus/icmp.c 257 TRAP_FIRE "I" ForUs: rcvd ECHO REQUEST %I
./forus/icmp.c 258 TRAP_FIRE "I" ForUs: rcvd TIMESTAMP REQUEST %I
./forus/icmp.c 450 TRAP_DEBUG "I" ICMP: Can't get buf re: %I
./forus/icmp.c 451 TRAP_FIRE "I" ForUs: rcvd ECHO REPLY %I
./forus/icmp.c 452 TRAP_FIRE "dI" ICMP type %d not impl, pkt %I
./forus/icmp.c 453 TRAP_FIRE "I" ForUs: rcvd TIMESTAMP REPLY %I
./forus/icmp.c 723 TRAP_DEBUG "daI" Sending ICMP Unreachable, code %d to %a re: %I
./forus/icmp.c 724 TRAP_FIRE "daI" Sending ICMP Source Quench, code %d to %a re: %I
./forus/icmp.c 726 TRAP_DEBUG "daaI" Sending ICMP Redirect, code %d via %a to %a re
./forus/icmp.c 727 TRAP_FIRE "daI" Sending ICMP Time Exceeded, code %d to %a re: %I
./forus/icmp.c 728 TRAP_FIRE "ddaI" Sending ICMP Parameter Problem, code %d at offs
./forus/icmp.c 729 TRAP_FIRE "ddxaI" Sending ICMP error, type %d, code %d, misc %x
./forus/ipassemble.c 1015 TRAP_FIRE "I" ForUs: first fragment ignored: %I
./forus/ipassemble.c 1389 TRAP_FIRE "xx" ForUs: bad protocol %x from %x
./forus/ipassemble.c 1390 TRAP_FIRE "aax" IPAssemble: no table room; drop %x->%x id
./forus/ipassemble.c 1391 TRAP_FIRE "xdd" IPAssemble: fragment at 0x%x with %d buff
./forus/ipassemble.c 1392 TRAP_DEBUG "xdddd" IPAssemble: frag at 0x%x with %d buffs
./forus/ipassemble.c 1393 TRAP_FIRE "xdddd" IPAssemble: overlap pkt from %x; lo %d
./forus/ipassemble.c 1394 TRAP_DEBUG "xxxddd" IPAssemble: part %x->%x id/pr %x, byte
./forus/ipassemble.c 1395 TRAP_FIRE "xdd" IPAssemble: Crash? pkt %x returning %d bu
./forus/ipassemble.c 1396 TRAP_DEBUG "aadxx" IPAssemble: complete pkt %x->%x len %d
./forus/ipassemble.c 1397 TRAP_DEBUG "xdd" Merge: pkt1 at 0x%x lo byt %d hi byt %d
./forus/ipassemble.c 1398 TRAP_DEBUG "xdd" Merge: pkt2 at 0x%x lo byt %d hi byt %d

```

Segue elenco

Sep 11 13:01 1987 v3.10/trapmsg.sort Page 6

```

./forus/ipassemble.c 1399 TRAP_FIRE "aaxdd" IPAssemble: timeout pkt %x->%x id/pr %x
./forus/ipassemble.c 255 TRAP_FIRE "I" ForUs: IP non-first fragment ignored: %I
./forus/mgen.c 1213 TRAP_OPER "dd" On previous Message generator run: packets sent=
./forus/mgen.c 259 TRAP_OPER "ddaa" Msg Gen starting, Time %d, Interval %d, Totall
./forus/mgen.c 260 TRAP_OPER "dd" Message generator off. Packets Sent: %d Rcvd: %d
./forus/mgen.c 289 TRAP_OPER "" /*Msg Gen On
./forus/mgen.c 290 TRAP_OPER "" /*Msg Gen Off
./forus/mgen.c 310 TRAP_DEBUG "20X" /*Msg Gen on request, parameters %20X
./forus/mgen.c 311 TRAP_DEBUG "" /*GetInputPacket can't get first buffer
./forus/mgen.c 311 TRAP_DEBUG "" /*GetInputPacket can't get first buffer
./forus/mgen.c 313 TRAP_DEBUG "dd" /*GetInputPacket only got %d bytes, wants %d
./forus/mgen.c 313 TRAP_DEBUG "dd" /*GetInputPacket only got %d bytes, wants %d
./forus/mgen.c 314 TRAP_OPER "" /*Can't get complete msg gen packet
./forus/mgen.c 317 TRAP_DEBUG "d" /*GetInputPacket called for %d data bytes
./forus/mgen.c 317 TRAP_DEBUG "d" /*GetInputPacket called for %d data bytes
./forus/mgen.c 319 TRAP_DEBUG "I" MsgGen sending packet %I
./forus/mgen.c 319 TRAP_DEBUG "I" MsgGen sending packet %I
./forus/mgen.c 392 TRAP_DEBUG "d" /*MsgGen processing return token %d
./forus/mgen.c 393 Crash0 "" **PREV CRASH** MsgGen return queue started out nonempty
./forus/mgen.c 406 TRAP_DEBUG "I" MsgGen received pkt %I
./forus/mgen.c 406 TRAP_DEBUG "I" MsgGen received pkt %I
./forus/mgen.c 423 TRAP_FIRE "dd" error in mgen data, expected %d, got %d
./forus/mgen.c 424 Crash2 "dd" **PREV CRASH** MsgGen tried to write hdr %d bytes, wr
./forus/mgen.c 425 Crash2 "dd" **PREV CRASH** MsgGen tried to write pattern %d bytes
./forus/mgen.c 439 TRAP_OPER "" Attempt to start already-running msg gen ignored
./forus/oldggp.c 634 TRAP_DEBUG "Id" OldGGP pkt %I rcvd, oldggp type %d
./forus/oldggp.c 635 TRAP_FIRE "d" OldGGP type %d not implemented
./forus/oldggp.c 637 TRAP_FIRE "d" OldGGP packet with use count=%d
./gwinit/commit.c 1047 Crash0 "" **PREV CRASH** gwinit: Can't find net in table\n
./gwinit/commit.c 1048 Crash0 "" **PREV CRASH** gwinit: Can't find net in table\n
./gwinit/commit.c 1049 Crash0 "" **PREV CRASH** gwinit: Can't find net in table\n
./gwinit/gwinit.c 283 Crash1 "" **PREV CRASH** gwinit arg must be 0-%d characters lo
./gwinit/gwinit.c 626 TRAP_OPER "sddd" GATEWAY - %s; number %d version %d started %d
./hap/hapcontrol.c 348 TRAP_DEBUG "" /*HAP status message while disabled
./hap/hapcontrol.c 349 TRAP_DEBUG "" /*HAP RR message while disabled
./hap/hapcontrol.c 350 TRAP_DEBUG "" /*HAP RC message while disabled
./hap/hapcontrol.c 351 TRAP_DEBUG "d" /*Bogus HAP event %d while disabled
./hap/hapcontrol.c 353 TRAP_DEBUG "" /*HAP status msg during restart
./hap/hapcontrol.c 354 TRAP_DEBUG "a" HAP %a RR_SNT: Received RR
./hap/hapcontrol.c 355 TRAP_DEBUG "a" HAP RR_SNT: Received RC
./hap/hapcontrol.c 356 TRAP_DEBUG "d" Bogus HAP event %d
./hap/hapcontrol.c 358 TRAP_DEBUG "a" HAP %a RC_SNT: Recieved RR: resetting
./hap/hapcontrol.c 359 TRAP_DEBUG "a" HAP %a RC_SNT: Recieved RC: starting
./hap/hapcontrol.c 360 TRAP_DEBUG "d" Bogus HAP event %d
./hap/hapcontrol.c 361 TRAP_OPER "a" HAP Link %a up
./hap/hapcontrol.c 362 TRAP_DEBUG "" /*HAP_on: No event
./hap/hapcontrol.c 363 TRAP_OPER "a" %a HAP status timeout; taking link down; reset
./hap/hapcontrol.c 364 TRAP_FIRE "a" %a HAP_ON: Received RestartRequest; resetting
./hap/hapcontrol.c 365 TRAP_DEBUG "a" %a HAP_ON: Received RC
./hap/hapcontrol.c 366 TRAP_DEBUG "d" Bogus HAP event %d
./hap/hapcontrol.c 367 TRAP_DEBUG "d" Bogus HAP state %d.
./hap/hapcontrol.c 368 TRAP_DEBUG "s" /*HAP Can't make %s message
./hap/hapcontrol.c 369 TRAP_DEBUG "as" HAP %a Sent %s message
./hap/hapcontrol.c 370 TRAP_DEBUG "as" HAP %a: can't send %s message
./hap/hapcontrol.c 371 TRAP_DEBUG "xdd" HAP Control Pkt Illegal Len: mcw=%x Length
./hap/hapcontrol.c 372 TRAP_DEBUG "xx" Bad HAP Checksum: theirs was %x mine was %x

```

```

./hap/hapcontrol.c 373 TRAP_DEBUG "a" HAP %a: Received AR message
./hap/hapcontrol.c 374 TRAP_DEBUG "a" HAP %a: Received UR message
./hap/hapcontrol.c 375 TRAP_DEBUG "ad" HAP %a: Recd NOP msg with bad length, %d
./hap/hapcontrol.c 376 TRAP_DEBUG "a" HAP %a: Received NOR message
./hap/hapcontrol.c 379 TRAP_DEBUG "x" /*HAP Bogus control message, mcw=%x
./hap/hapcontrol.c 897 TRAP_FIRE "axx" Hap %a dropping Pkt %x in order to save RR %
./hap/hapevents.c 386 TRAP_DEBUG "addddddd" HAP at %a sent status msg # %d: rne %
./hap/hapevents.c 952 TRAP_DEBUG "a" HAP %a ProduceEvent couldn't dispose of SavePk
./hap/hapin.c 339 TRAP_DEBUG "xd" Hap Data Pkt %x Illegal Length: %d
./hap/hapin.c 340 TRAP_DEBUG "" Hap STREAM pkt received
./hap/hapin.c 341 TRAP_DEBUG "x" Hap pkt %x without IP header received
./hap/hapin.c 342 TRAP_DEBUG "xx" Bad HAP Checksum: theirs was %x mine was %x
./hap/hapin.c 343 TRAP_DEBUG "" HAP Forwarding received pkt with data error
./hap/hapin.c 344 TRAP_DEBUG "2D" Hap destination %2D is not us(%2D)
./hap/hapin.c 345 TRAP_OPER "" Detected Hap LOOP
./hap/hapin.c 346 TRAP_DEBUG "x" HAP hdwr fmt err: %x
./hap/hapin.c 347 TRAP_DEBUG "x" HAP Pkt %x: received HARDWARE checksum error
./hap/hapin.c 381 TRAP_DEBUG "xdxx" /*HAP IN: Pkt %x Length %d MCW %x Checksum %x
./hap/hapinit.c 352 TRAP_DEBUG "a" Hap Link %a down
./hap/hapinit.c 827 Crash0 "" **PREV CRASH** Hap requires no module above and one fou
./hap/hapinit.c 828 TRAP_DEBUG "sd" Hap IndexAs%s is %d
./hap/hapinit.c 829 Crash0 "" **PREV CRASH** Hap requires module below and none foun
./hap/hapintmod.c 830 TRAP_DEBUG "s" HAP setting command %s
./hap/hapintmod.c 831 TRAP_OPER "as" HAP at %a %s link as requested
./hap/hapintmod.c 941 TRAP_DEBUG "" HAP DeviceReset
./hap/hapintmod.c 943 TRAP_DEBUG "axx" HapLowerIsUp %a, WaitingForUpEvent %x, SaveP
./hap/hapout.c 380 TRAP_DEBUG "xdxx" /*HAP OUT: Pkt %x Length %d MCW %x Checksum %
./hap/hapout.c 944 TRAP_DEBUG "s" %s waiting for lower is up event
./hap/hapout.c 947 TRAP_DEBUG "x" %a HapSend already have SavePkt %x
./hap/hapsyn.c 305 TRAP_DEBUG "xx" /*HapOutputDispose(%x, %x)
./hap/hapsyn.c 894 TRAP_DEBUG "xd" /*HapInputDispose Pkt %x Length %d
./hdh/hdhcontrol.c 470 TRAP_DEBUG "sx" Hdh%s: saving control frame %x
./hdh/hdhevents.c 1117 TRAP_DEBUG "dddd" HDH: DataStopped %d DataGoAhead %d CtlSto
./hdh/hdhevents.c 1118 TRAP_DEBUG "x" HDHFragsendEvent couldn't dispose of SaveFrag
./hdh/hdhevents.c 1119 TRAP_DEBUG "sxxx" HDH%s couldn't dispose of SaveCtl %x (Save
./hdh/hdhevents.c 483 TRAP_DEBUG "x" HdhFragSendEvent SaveFrag = %x, SavePkt = %x
./hdh/hdhevents.c 484 TRAP_DEBUG "sx" Hdh%sEvent SavePkt = %x
./hdh/hdhevents.c 485 TRAP_DEBUG "xx" HdhFragBufferEvent BUFID %x, NewFragBuf %x
./hdh/hdhevents.c 486 TRAP_DEBUG "ddddddd" HDH FRAMES: sent %d; rcvd %d; BYTES: se
./hdh/hdhevents.c 492 TRAP_OPER "d" HDH host declared LINE DOWN after %d secs
./hdh/hdhevents.c 494 TRAP_DEBUG "x" HdhCtlBufferEvent BUFID = %x
./hdh/hdhevents.c 498 TRAP_DEBUG "x" HdhCtlOutEvent SaveCtl = %x
./hdh/hdhin.c 456 TRAP_DEBUG "x" /*HdhInputAccept(%x)
./hdh/hdhin.c 457 TRAP_OPER "s" HDH detected %s
./hdh/hdhin.c 488 TRAP_FIRE "xdd" HDH protocol violation: Pkt %x; ByteCount %d; Pk
./hdh/hdhin.c 489 TRAP_FIRE "xdd" HDH Pkt %x rcvd with ByteCount %d when MaxLength
./hdh/hdhin.c 491 TRAP_FIRE "x" HdhMessageModeInput: SOM and EOM not both set in P
./hdh/hdhin.c 495 TRAP_FIRE "x" HDH: no SOM rcvd for pkt %x -- discarding
./hdh/hdhin.c 638 TRAP_DEBUG "xd" /******HDH pkt mode: L3 gets pkt with lst buf_nby
./hdh/hdhin.c 801 TRAP_DEBUG "x" /*HDH dropping frame %x: rcvd seq break and no SOM
./hdh/hdhin.c 804 TRAP_FIRE "x" HDH: no EOM for Pkt %x; discarding
./hdh/hdhinit.c 1051 TRAP_DEBUG "ss" HDH: %s seq break (%s)
./hdh/hdhinit.c 789 TRAP_DEBUG "sd" Hdh IndexAs%s is %d
./hdh/hdhinit.c 790 Crash1 "s" **PREV CRASH** Hdh requires module %s and none found
./hdh/hdhintmod.c 788 TRAP_DEBUG "s" Hdh setting %s
./hdh/hdhonly.c 496 TRAP_DEBUG "x" /*HdhInputDispose(%x)

```

```

./hdh/hdhonly.c 497 TRAP_DEBUG "xx" /*HdhOutputDispose(%x, %x)
./hdh/hdhonly.c 507 TRAP_DEBUG "xx" /*HdlcOutputDispose(%x, %x)
./hdh/hdhonly.c 508 TRAP_DEBUG "sxd" /*%sInputDispose(%x), length %d
./hdh/hdhonly.c 509 TRAP_DEBUG "x" /*HdlcInputDispose(%x)
./hdh/hdhout.c 487 TRAP_DEBUG "xxxxxx" /*HdhOutputAccept(%x, %x) LineIsUp %x, SavePk
./hdh/hdhout.c 608 TRAP_DEBUG "xd" /*HDH EOM for Pkt %x data frags %d
./hdh/hdhout.c 610 TRAP_DEBUG "xd" /*HDH CalculateNumFrag: buf_nbytes 0x%x = %d
./hdh/hdhout.c 611 TRAP_DEBUG "dd" /*---HDH Middle frag: NBytes %d, buf_nbytes %d
./hdh/hdhout.c 633 TRAP_DEBUG "xxxxddd" /*HDH BuildNextFrag: Pkt %x buf_next %x buf_
./hdh/hdhout.c 636 TRAP_DEBUG "d" /*-----HDH NumDataFragNeeded is %d
./hdh/hdhout.c 687 TRAP_DEBUG "xd" /*HDH EOM for %x going out is %d
./hdh/hdhout.c 805 TRAP_FIRE "xx" HDH inconsistency: OrigPkt is %x but have a new
./hdlc/hdlonly.c 192 TRAP_DEBUG "xx" /*HdlcOutputDispose(%x, %x)
./hdlc/hdlonly.c 194 TRAP_DEBUG "x" /*HdlcInputDispose(%x)
./hdlc/hdlonly.c 892 TRAP_DEBUG "xx" /*L3InputDispose(%x), length %d
./hdlc/l2_act.c 1071 TRAP_DEBUG "x" HDLC: vszero SavePkt is %x
./hdlc/l2_act.c 183 TRAP_OPER "" HDLC Link Up
./hdlc/l2_act.c 184 TRAP_OPER "" HDLC Link Down
./hdlc/l2_act.c 199 TRAP_FIRE "xxx" Hdlc: sending FRMR, bytes %x %x %x.
./hdlc/l2_events.c 216 TRAP_DEBUG "x" /*HdlcNewPktEVENT: SavePkt is %x
./hdlc/l2_events.c 217 TRAP_DEBUG "x" HdlcRetransEVENT SavePkt %x
./hdlc/l2_events.c 321 TRAP_DEBUG "dd" HDLC STATS FOR LAST %d SECONDS: link came u
./hdlc/l2_events.c 322 TRAP_DEBUG "ddd" HDLC %d checksum errors, %d hardware errors
./hdlc/l2_events.c 323 TRAP_DEBUG "dddd" HDLC ALL traffic: FRAMES: %d in; %d out;
./hdlc/l2_events.c 324 TRAP_DEBUG "dddd" HDLC DATA traffic: FRAMES: %d in; %d out
./hdlc/l2_events.c 325 TRAP_DEBUG "d" HDLC CUMULATIVE STATS: link came up %d times
./hdlc/l2_events.c 326 TRAP_DEBUG "dd" HDLC %d checksum errors; %d hardware errors
./hdlc/l2_events.c 327 TRAP_DEBUG "dddd" HDLC ALL traffic: FRAMES: %d in; %d out;
./hdlc/l2_events.c 328 TRAP_DEBUG "dddd" HDLC DATA traffic: FRAMES: %d in; %d out
./hdlc/l2_in.c 1082 TRAP_DEBUG "sxx" HDLC: %s flushing pkt %x addr %x
./hdlc/l2_in.c 1083 TRAP_DEBUG "x" HDLC l2_in, keep is 0, so flushing pkt %x
./hdlc/l2_in.c 193 TRAP_DEBUG "x" /*HdlcInputAccept(%x)
./hdlc/l2_in.c 197 TRAP_DEBUG "sx" HDLC: output ok now; %s posting %x
./hdlc/l2_in.c 227 TRAP_FIRE "dxxx" /*HDLC l2_MATCH case #%d, actions=%x, out rsp=%
./hdlc/l2_in.c 269 TRAP_DEBUG "x" Hdlc rcvd hardware error pkt %x
./hdlc/l2_in.c 270 TRAP_DEBUG "x" Hdlc rcvd hdwr checksum error pkt %x
./hdlc/l2_init.c 1005 TRAP_DEBUG "sd" Hdlc IndexAs%s is %d
./hdlc/l2_intmod.c 782 TRAP_DEBUG "s" Hdlc setting %s
./hdlc/l2_out.c 1081 TRAP_DEBUG "sxx" HDLC: %s pkt %x control %x
./hdlc/l2_out.c 1103 TRAP_DEBUG "x" HDLC RetransFrame %x
./hdlc/l2_out.c 1104 TRAP_DEBUG "x" HDLC IFrame %x flow controlled
./hdlc/l2_out.c 1124 TRAP_FIRE "" HDLC called while module above is flow controlled
./hdlc/l2_out.c 230 TRAP_DEBUG "" /*HDLC l2_out_ok xbusy
./hdlc/l2_out.c 231 TRAP_DEBUG "" /*HDLC l2_out_ok timer-rec, LAPB
./hdlc/l2_out.c 232 TRAP_DEBUG "d" /*HDLC l2_out_ok exhausted localk=%d
./hdlc/l2_util.c 1069 TRAP_DEBUG "xddd" HDLC: l2_k_out flushing %x oftab[%d], usecn
./hdlc/l2_util.c 198 TRAP_DEBUG "ssxddd" /*HDLC l2 %s State=%s SCond=%x Vs=%d
./hdlc/l2_util.c 200 TRAP_DEBUG "xxd" /*HDLC l2_get: GetInputBuffer(%x, %x, %d): NU
./hdlc/l2_util.c 206 TRAP_DEBUG "dx" *****HDLC ACK %d pkt %x
./hdlc/l2_util.c 207 TRAP_DEBUG "xd" HDLC l2_flush: BUFID %x, usecnt %d
./hdlc/l2_util.c 208 TRAP_FIRE "xdxx" HDLC l2_print: buffer = %x, len = %d(dec),
./hdlc/l2_util.c 209 TRAP_FIRE "d" HDLC l2_print: Frame too short, length is %d.
./hdlc/l2_util.c 210 TRAP_FIRE "x" HDLC l2_print: Illegal address: %x
./hdlc/l2_util.c 211 TRAP_FIRE "sddd" HDLC l2_print: %s IFRAME: N(S) = %d, N(R) =
./hdlc/l2_util.c 212 TRAP_FIRE "sd" HDLC l2_print: %s IFRAME too short, length %d
./hdlc/l2_util.c 214 TRAP_FIRE "xd" HDLC l2_print: S frame too long, control is %x

```

Segue elenco

Sep 11 13:01 1987 v3.10/trapmsg.sort Page 9

```

./hdlc/l2_util.c 215 TRAP_FIRE "sdd" HDLC l2_print: %s, N(R) = %d, P/F = %d
./hdlc/l2_util.c 218 TRAP_FIRE "xd" HDLC l2_print: Incorrect U frame length, contr
./hdlc/l2_util.c 219 TRAP_FIRE "sd" HDLC l2_print: %s, P/F = %d
./hdlc/l2_util.c 220 TRAP_FIRE "xxx" HDLC l2_print: Rejected bytes: %x, %x, %x
./hdlc/l2_util.c 791 TRAP_OPER "ds" Hdlc device %d acting %s
./hsp/hspcontrol.c 640 TRAP_DEBUG "d" HSP Control Pkt Illegal Length %d
./hsp/hspcontrol.c 641 TRAP_DEBUG "s" HSP %s message while disabled
./hsp/hspcontrol.c 642 TRAP_DEBUG "d" Bogus HSP event %d
./hsp/hspcontrol.c 644 TRAP_DEBUG "s" HSP_init: rcvd %s
./hsp/hspcontrol.c 645 TRAP_DEBUG "" HSP_waiting: Rcvd RR: resetting
./hsp/hspcontrol.c 646 TRAP_DEBUG "" HSP_waiting: Rcvd RC: starting
./hsp/hspcontrol.c 647 TRAP_OPER "" HSP Link up
./hsp/hspcontrol.c 648 TRAP_OPER "" HSP resetting DRIVER due to 30 sec with nothing
./hsp/hspcontrol.c 649 TRAP_OPER "" HSP_ON: Received RR; resetting HSP protocol lin
./hsp/hspcontrol.c 650 TRAP_DEBUG "" HSP_ON: Received RC
./hsp/hspcontrol.c 651 TRAP_DEBUG "d" Bogus HSP state %d.
./hsp/hspcontrol.c 652 TRAP_DEBUG "s" /*HSP Can't make %s message
./hsp/hspcontrol.c 653 TRAP_DEBUG "s" HSP Sent %s message
./hsp/hspcontrol.c 654 TRAP_DEBUG "s" HSP: can't send %s message
./hsp/hspcontrol.c 656 TRAP_DEBUG "dd" HSP FormatError for MSGID %d, code %d
./hsp/hspcontrol.c 657 TRAP_DEBUG "x" HSP: Bogus control type %x rcvd
./hsp/hspcontrol.c 800 TRAP_DEBUG "xx" HSP dropping Pkt %x in order to save RR %x
./hsp/hspevents.c 659 TRAP_DEBUG "x" /*HspBufferEvent BUFID %x
./hsp/hspevents.c 660 TRAP_DEBUG "s" /*Hsp%stimer
./hsp/hspevents.c 661 TRAP_DEBUG "dddddddd" HSP: %d link restarts; ALL msgs: %d s
./hsp/hspin.c 662 TRAP_DEBUG "xd" /*HSP IN: Pkt %x Length %d
./hsp/hspin.c 663 TRAP_OPER "as" HSP at %a detected %s
./hsp/hspin.c 664 TRAP_DEBUG "" HSP: Received pkt with data error; discarding
./hsp/hspin.c 665 TRAP_DEBUG "x" Illegal Hsp piggyback control code %x
./hsp/hspin.c 666 TRAP_DEBUG "d" Hsp Data Pkt Illegal Length: %d
./hsp/hspin.c 667 TRAP_DEBUG "ds" Hsp data word length %d doesn't match %s block le
./hsp/hspin.c 668 TRAP_DEBUG "d" Hsp illegal block length %d
./hsp/hspin.c 669 TRAP_DEBUG "" Hsp STREAM pkt received
./hsp/hspin.c 670 TRAP_DEBUG "x" /*Hsp pkt %x without IP header received
./hsp/hspin.c 671 TRAP_DEBUG "dd" Hsp destination %d is not us(%d)
./hsp/hspinit.c 643 TRAP_DEBUG "" HSP Link down
./hsp/hspinit.c 792 CrashO "" **PREV CRASH** Hsp requires no module above and one fo
./hsp/hspinit.c 793 CrashO "" **PREV CRASH** Hsp requires module below and none foun
./hsp/hspinit.c 794 TRAP_DEBUG "sd" Hsp IndexAs%s is %d
./hsp/hspintmod.c 795 TRAP_DEBUG "s" HSP setting command %s
./hsp/hspintmod.c 796 TRAP_OPER "as" HSP at %a %s link as requested
./hsp/hspmio.c 677 TRAP_DEBUG "x" /*HspInputDispose(%x)
./hsp/hsponly.c 674 TRAP_DEBUG "xd" /*HspOutputDispose %x, PktLength %d
./hsp/hsponly.c 675 TRAP_DEBUG "xx" /*HdhOutputDispose(%x, %x)
./hsp/hsponly.c 676 TRAP_DEBUG "x" /*HdhInputDispose(%x)
./hsp/hsponly.c 678 TRAP_DEBUG "xx" /*HdlcOutputDispose(%x, %x)
./hsp/hsponly.c 680 TRAP_DEBUG "xd" DriverInputDispose(%x), length %d
./hsp/hsponly.c 681 TRAP_DEBUG "x" /*HdlcInputDispose(%x)
./hsp/hspout.c 682 TRAP_DEBUG "d" /*HSP NextMsgId is %d
./hsp/hspout.c 683 TRAP_FIRE "" /*HSP send window closed
./hsp/hspout.c 684 TRAP_DEBUG "xd" /*HSP OUT: Pkt %x Length %d
./hsp/hspout.c 798 TRAP_DEBUG "xd" /*HspOutputAccept(%x, %d)
./hsp/hspout.c 853 TRAP_DEBUG "sxx" %s not IP pkt %x TOS word %x
./imbttest/hdh.c 754 TRAP_DEBUG "d" HdhBit%d event
./imbttest/hdh.c 755 TRAP_DEBUG "d" HdhBit%d command
./imbttest/hdh.c 759 TRAP_DEBUG "d" Hdh IndexAsLower is %d

```

Segue elenco

Sep 11 13:01 1987 v3.10/trapmsg.sort Page 10

```

./imbttest/hdh.c 759 TRAP_DEBUG "d" Hdh IndexAsUpper is %d
./imbttest/hdh.c 760 Crash1 "s" **PREV CRASH** Hdh requires module %s and none found
./imbttest/hdlc.c 756 TRAP_DEBUG "d" HdlcBit%d event
./imbttest/hdlc.c 757 TRAP_DEBUG "d" HdlcBit%d command
./imbttest/hdlc.c 759 TRAP_DEBUG "d" Hdlc IndexAsLower is %d
./imbttest/hdlc.c 759 TRAP_DEBUG "d" Hdlc IndexAsUpper is %d
./imbttest/hdlc.c 761 Crash1 "s" **PREV CRASH** Hdlc requires module %s and none foun
./imbttest/hsp.c 751 TRAP_DEBUG "d" HspBit%d event
./imbttest/hsp.c 752 TRAP_DEBUG "x" IMBTTEST discarding pkt %x from dispatch
./imbttest/hsp.c 753 TRAP_DEBUG "x" Hsp setting command bit %x
./imbttest/hsp.c 759 TRAP_DEBUG "d" Hsp IndexAsUpper is %d
./imbttest/hsp.c 759 Crash1 "s" **PREV CRASH** Hsp requires %s in tables!
./imbttest/imbttest.c 769 TRAP_DEBUG "x" InterModuleTable is %x
./imbttest/mio.c 758 TRAP_DEBUG "d" MioBit%d command
./imbttest/mio.c 759 TRAP_DEBUG "d" Mio IndexAsLower is %d
./imbttest/mio.c 759 TRAP_DEBUG "d" Mio IndexAsLower is %d
./imbttest/mio.c 762 Crash1 "s" **PREV CRASH** Mio requires %s found in tables!
./imbttest/mio.c 763 TRAP_DEBUG "sx" IMBitTest after %s %x
./lib/btrace.c 1101 TRAP_FIRE "xddx" Trace table full: bufid %x module %d status %d o
./lib/btrace.c 1102 TRAP_DEBUG "ddddxx" Buffertrace: module %d >= %d or status %d >=
./lib/bufferlib.c 1140 Crash1 "d" **PREV CRASH** GetOutputPacket: device #%d shared+
./lib/bufferlib.c 1141 Crash2 "dd" **PREV CRASH** GetOutputPacket: device #%d gettin
./lib/bufferlib.c 128 Crash0 "" **PREV CRASH** FindBPB: no bufferpool on specified p
./lib/bufferlib.c 130 Crash3 "xxd" **PREV CRASH** MakeInputBuffer: Free buffer ID %x
./lib/bufferlib.c 131 Crash1 "x" **PREV CRASH** Discharge: buffer %x was uncharged\n
./lib/bufferlib.c 132 Crash1 "x" **PREV CRASH** Discharge: illegal Pool Charged buffe
./lib/bufferlib.c 133 Crash2 "xd" **PREV CRASH** FreeBuffer: usecount of %x is %d \n
./lib/bufferlib.c 383 Crash0 "" **PREV CRASH** FreePacket: Return queue was full
./lib/bufferlib.c 71 TRAP_DEBUG "d" bufferlib: could not charge to output for dev %
./lib/bufferlib.c 939 Crash2 "dd" **PREV CRASH** ChargeToOutput: POBC %d SOBC %d
./lib/bufferlib.c 940 Crash4 "sxdx" **PREV CRASH** Discharge: %s gbuffer %x %s now %
./lib/checksum.c 134 Crash0 "" **PREV CRASH** checksum starting on odd byte\n
./lib/checksum.c 286 TRAP_FIRE "dd" FileChecksum: tried to checksum %d bytes, did %
./lib/devicedisp.c 1114 TRAP_DEBUG "dddd" %x %x %x %x
./lib/devicedisp.c 854 TRAP_OPER "da" Illegal GG type %d, prev hop %a; dropping
./lib/devicedisp.c 855 TRAP_FIRE "da" Illegal IP Ver or GG Disting %d, prev hop %a;
./lib/enqordrop.c 856 TRAP_FIRE "xa" Queue %x full; packet from %a dropped
./lib/enqordrop.c 857 TRAP_FIRE "a" Trying to enq pkt from %a onto null queue; pack
./lib/events.c 112 Crash2 "xx" **PREV CRASH** bad event %x subtype %x
./lib/events.c 113 Crash1 "x" **PREV CRASH** too many events to call %x
./lib/gateboss.c 1106 Crash5 "dxxsx" **PREV CRASH** THROW: proc %d loc %x, cod %x, t
./lib/module.c <valid crash number> Crash1 "s" **PREV CRASH** Hdlc requires mod
./lib/logtable.c 426 TRAP_DEBUG "xxx" LogReplace: moving item %x, top %x, from %x
./lib/logtable.c 427 TRAP_DEBUG "4Xxxxx" LogRemove: key %4X table %x item %x top %x
./lib/logtable.c 428 TRAP_DEBUG "xx" LogFind: return %x, pointer %x
./lib/logtable.c 440 TRAP_FIRE "4Xx" LogRemoveOldest: %a not in table %x
./lib/logtable.c 441 TRAP_FIRE "d4X" LogReplace: table full (%d entries), removing
./lib/logtable.c 617 Crash2 "4Xx" **PREV CRASH** LogReplace: can't delete oldest ent
./lib/logtable.c 618 Crash4 "xxxx" **PREV CRASH** LogFind: fence 1 (%x) is %x, fence
./lib/logtable.c 619 Crash1 "d" **PREV CRASH** LogFind: claims 2<<%d more than 2<<14
./lib/monitoree.c 472 TRAP_DEBUG "dd" /*DoMonRequests: Monitoree %d, ReqNumber %d
./lib/monitoree.c 888 TRAP_DEBUG "dxxx" /*MonitoreeNumber %d, enqueueing %x, Segmen
./lib/monitoree.c 888 TRAP_DEBUG "dxxx" /*MonitoreeNumber %d, enqueueing %x, Segmen
./lib/monop.c 471 TRAP_FIRE "d" Monitoree %d got unknown monitoring request
./lib/qROUTINES.c 1004 TRAP_DEBUG "" QPrint: queue is empty
./lib/qROUTINES.c 273 TRAP_DEBUG "x" QPrint: %x

```

```

./lib/shutdown.c 1145 TRAP_DEBUG "d" ShutDown: library shutdown routine, process %d
./lib/shutdowneh.c 1144 TRAP_DEBUG "dx" HandleShutDownEH: shutdown event posted, proc
./lib/slurpdualq.c 164 Crash0 "" **PREV CRASH** SlurpDualQ: somebody waiting on my q
./lib/slurpdualq.c 250 TRAP_DEBUG "d" /*SlurpDualQ: Slurping at most %d items
./lib/traps.c 1098 TRAP_FIRE "cxx" Bad Crash Format char %c (0x%x), val %x
./lib/traps.c 511 TRAP_FIRE "dxxS" Trap %d caused throw; code %x, value %x, text %s
./lib/util.c 139 Crash0 "" **PREV CRASH** Allocate ran out of space
./mio/mio_bcb.c 572 TRAP_DEBUG "x" MIO:Attempting tx restart, virp = %x
./mio/mio_display.c 516 TRAP_DEBUG "xxxxx" MIO:bcb addr: %x next: %x size: %x count:
./mio/mio_display.c 517 TRAP_DEBUG "x" MIO:board address = %x
./mio/mio_display.c 518 TRAP_DEBUG "x" MIO:microcode version # = %x
./mio/mio_display.c 519 TRAP_DEBUG "dxdx" register %3d/ %6x register %3d/ %6x
./mio/mio_display.c 520 TRAP_DEBUG "xxxxxxxx" %6x/ %4x %6x/ %4x %6x/ %4x %6x/ %4x
./mio/mio_display.c 521 TRAP_DEBUG "sdddd" MIO:%s: device# %d txbcbs %d txpackets %d
./mio/mio_display.c 522 TRAP_DEBUG "sdddd" MIO:%s: device# %d rxbcbs %d rxpackets %d
./mio/mio_display.c 523 TRAP_DEBUG "sddd" MIO:%s: device %d: rxbuffers %d desiredbuff
./mio/mio_display.c 524 TRAP_DEBUG "sdddd" MIO:%s: device %d: txbuffers %d maximumbuf
./mio/mio_display.c 525 TRAP_DEBUG "x" Memory Register Block:\n STx Current 0x%x
./mio/mio_display.c 526 TRAP_DEBUG "x" SRx Current 0x%x
./mio/mio_display.c 527 TRAP_DEBUG "x" Tx Current 0x%x
./mio/mio_display.c 528 TRAP_DEBUG "x" Rx Current 0x%x
./mio/mio_display.c 529 TRAP_DEBUG "x" STx Post 0x%x
./mio/mio_display.c 530 TRAP_DEBUG "x" SRx Post 0x%x
./mio/mio_display.c 531 TRAP_DEBUG "x" Tx Post 0x%x
./mio/mio_display.c 532 TRAP_DEBUG "x" Rx Post 0x%x
./mio/mio_display.c 533 TRAP_DEBUG "x" Board Addr 0x%x
./mio/mio_display.c 534 TRAP_DEBUG "x" 1822 Vir Dev 0x%x
./mio/mio_display.c 535 TRAP_DEBUG "x" Sync Vir Dev 0x%x
./mio/mio_display.c 536 TRAP_DEBUG "d" Initialized %d
./mio/mio_display.c 537 TRAP_DEBUG "d" Board Number %d
./mio/mio_display.c 538 TRAP_DEBUG "d" STx Latency %d
./mio/mio_display.c 539 TRAP_DEBUG "d" Mbus Int Lev %d
./mio/mio_display.c 540 TRAP_DEBUG "d" Mbus Except %d
./mio/mio_post.c 1000 TRAP_OPER "" MIO: MultibusError threw clearing status
./mio/mio_post.c 1112 TRAP_DEBUG "ddd" IBC %d POBC %d SOBC %d
./mio/mio_post.c 1135 TRAP_OPER "x" MIO: STxPost found multibuffer packet %x
./mio/mio_post.c 541 TRAP_OPER "dxx" MIO: %d multibus interrupt from board %x with st
./mio/mio_post.c 542 Crash2 "dx" **PREV CRASH** [MIO: %d board %x: bus timeout inter
./mio/mio_post.c 543 Crash2 "dx" **PREV CRASH** [MIO: %d board %x: memory timeout in
./mio/mio_post.c 545 TRAP_DEBUG "dx" MIO: %d STxPost reached with board status of %x
./mio/mio_post.c 547 TRAP_DEBUG "dd" MIO: %d TxPost: sent %d bytes
./mio/mio_post.c 548 TRAP_DEBUG "d" MIO: %d SRxPost reached with board status of %x
./mio/mio_post.c 549 TRAP_DEBUG "dxx" MIO: %d SRxPost: count %x, status %x.
./mio/mio_post.c 550 TRAP_DEBUG "dx" MIO: %d RxPost reached with board status of %x
./mio/mio_post.c 551 TRAP_DEBUG "dxx" MIO: %d RxPost: count = %x, status = %x
./mio/mio_post.c 552 Crash2 "dx" **PREV CRASH** [MIO: %d board %x: tx fifo error]
./mio/mio_post.c 553 TRAP_OPER "dx" [MIO: %d board %x: rx fifo error]
./mio/mio_post.c 554 TRAP_OPER "dx" [MIO: %d board %x: tx 2652 underrun error]
./mio/mio_post.c 555 TRAP_OPER "dx" [MIO: %d board %x: rx 2652 overrun error]
./mio/mio_post.c 556 TRAP_OPER "dx" [MIO: %d board %x: bus timeout interrupt]
./mio/mio_post.c 557 TRAP_OPER "dx" [MIO: %d board %x: memory timeout interrupt]
./mio/mio_post.c 558 TRAP_DEBUG "dddd" MIO:%d TxPoke: flow cntrlled txq=%d freeq=%d c
./mio/mio_post.c 559 Crash1 TRAP_FIRE **PREV CRASH** MIO: %d TxPoke: can't get a bcb
./mio/mio_post.c 563 TRAP_FIRE "d" MIO: %d AddrReceiveBuffers can't get a bcb
./mio/mio_post.c 564 TRAP_DEBUG "dd" MIO: %d RequeueRxBuffers: count = %d
./mio/mio_post.c 565 TRAP_FIRE "d" MIO: %d RequeueRxBuffers can't get bcb

```


Segue elenco

Sep 11 13:01 1987 v3.10/trapmsg.sort Page 12

```

./mio/mio_post.c 566 TRAP_FIRE "d" MIO:RequeueRxBuffers can't get a buffer
./mio/mio_post.c 901 TRAP_OPER "" MIO:RequeueRxBuffers threw on poke
./mio/mio_post.c 902 TRAP_OPER "" MIO:AddrReceiveBuffers threw on poke
./mio/mio_post.c 903 TRAP_OPER "" MIO:TxPoke threw on poke
./mio/mio_post.c 994 TRAP_OPER "" MIO:STxPost threw on poke
./mio/mio_post.c 996 TRAP_OPER "" MIO:SRxPost threw on poke
./mio/mio_queue.c 1007 TRAP_OPER "" Ahip Hash Queue %x has been trashed
./mio/mio_queue.c 573 Crash1 "x" **PREV CRASH** MIO:Queue element not free. %x
./mio/mio_queue.c 574 Crash0 "" **PREV CRASH** MIO:Queue Header is bad.
./mio/mio_queue.c 575 TRAP_OPER "" MIO:Dequeued from an empty queue.
./mio/mio_util.c 1001 Crash0 "" **PREV CRASH** There appears to be no MIO Board
./mio/mio_util.c 1041 TRAP_DEBUG "d" ClearMIOInterface: cleared %d rx buffers
./mio/mio_util.c 568 TRAP_OPER "" MIO:1822 remote ready line has just come up
./mio/mio_util.c 569 TRAP_DEBUG "" MIO:1822 remote ready line is up
./mio/mio_util.c 570 TRAP_OPER "" MIO:1822 remote ready line has just gone down
./mio/mio_util.c 571 TRAP_DEBUG "" MIO:1822 remote ready line is down
./mio/mio_util.c 594 TRAP_DEBUG "" MIO:Sync Clear to Send is not asserted
./mio/mio_util.c 595 TRAP_DEBUG "" MIO:Sync Carrier Detect is not asserted
./mio/mio_util.c 597 TRAP_DEBUG "" MIO:Sync Data Set Ready is not asserted
./mio/mio_util.c 844 TRAP_DEBUG "" MIO: Driver setting status UP (reset)
./mio/mio_util.c 845 TRAP_DEBUG "" MIO: Driver clearing status UP RDYCOMEUP (BeDown)
./mio/mio_util.c 847 TRAP_DEBUG "d" MIO: Driver IndexAsLower is %d
./mio/mio_util.c 848 Crash0 "" **PREV CRASH** Driver requires module above and none
./mio/mio_util.c 849 TRAP_FIRE "" MIO: Driver doesn't know how to ActUnlooped
./mio/mio_util.c 850 TRAP_FIRE "" MIO: Driver doesn't know how to ActLooped
./mio/mio_util.c 851 TRAP_DEBUG "" MIO: Driver clearing status LOOPED (BeUnLooped)
./mio/mio_util.c 852 TRAP_DEBUG "" MIO: Driver setting status LOOPED (BeLooped)
./mio/mio_util.c 904 TRAP_DEBUG "d" ClearMIOInterface: cleared %d tx buffers
./mio/mio_util.c 948 TRAP_DEBUG "" MIO: Driver setting status UP (BeUp)\n
./nullmodules/fakedriver.c 258 TRAP_DEBUG "xxd" FakeDriver: OldPkt=%x, FRESHPKT=%x
./nullmodules/fakedriver.c 258 TRAP_DEBUG "xxd" FakeDriver: OldPkt=%x, FRESHPKT=%x
./nullmodules/fakedriver.c 265 TRAP_DEBUG "x" FakeDriver: RandomFlush FLUSHING Pkt
./nullmodules/fakedriver.c 268 TRAP_DEBUG "" FakeDriver OutputAccept: GetInputBuffe
./nullmodules/fakedriver.c 771 Crash0 "" **PREV CRASH** Fake Driver requires module
./nullmodules/fakedriver.c 772 Crash0 "" **PREV CRASH** Fake Driver requires no modu
./nullmodules/fakedriver.c 773 TRAP_DEBUG "d" Fake Driver IndexAsLower is %d
./nullmodules/fakedriver.c 774 TRAP_FIRE "" BeLooped rcvd: Fake Driver is always l
./nullmodules/fakedriver.c 780 TRAP_FIRE "s" %s rcvd: Fake Driver doesn't know how
./nullmodules/fakedriver.c 781 TRAP_DEBUG "s" Fake Driver setting %s
./nullmodules/fakedriver.c 787 TRAP_DEBUG "" FakeDriver LoopIn reached input limit
./nullmodules/l3_minimal.c 776 Crash0 "" **PREV CRASH** L3Minimal: requires no modul
./nullmodules/l3_minimal.c 777 TRAP_DEBUG "d" /*L3Minimal: IndexAsUpper is %d
./nullmodules/l3_minimal.c 778 Crash0 "" **PREV CRASH** L3Minimal: requires module b
./nullmodules/l3_minimal.c 779 TRAP_DEBUG "ds" L3Minimal: Interface device number %
./nullmodules/l3_minimal.c 783 TRAP_DEBUG "d" L3Minimal setting command %d
./nullmodules/l3_minimal.c 843 TRAP_FIRE "sxd" /*L3Minimal: %s Pkt %x nbytes %d
./nullmodules/l3_minimal.c 893 TRAP_FIRE "x" /*L3Minimal: PriorityOutput bufid %x
./nullmodules/l3_trunk.c 1063 Crash3 "sdd" **PREV CRASH** %sBufferSize is %d and nee
./nullmodules/l3_trunk.c 1064 TRAP_DEBUG "ds" L3 TRUNK: Interface device number %d
./nullmodules/l3_trunk.c 1065 Crash0 "" **PREV CRASH** L3 TRUNK: requires no module
./nullmodules/l3_trunk.c 1066 Crash0 "" **PREV CRASH** L3 TRUNK: requires module bel
./nullmodules/l3_trunk.c 1067 TRAP_DEBUG "xdd" /*L3 TRUNK: L3CompactPkt starting %x
./nullmodules/l3_trunk.c 1068 TRAP_DEBUG "sxd" /*L3 TRUNK: %s %x, bytes %d
./routing/configtemp.c 953 Crash2 "dd" **PREV CRASH** size of routing config area is
./routing/configtemp.c 956 Crash1 "d" **PREV CRASH** MaxGatewayNumber in routing conf
./routing/configtemp.c 957 Crash1 "d" **PREV CRASH** MaxComponents in routing config

```


Segue elenco

Sep 11 13:01 1987 v3.10/trapmsg.sort Page 13

```
./routing/configtemp.c 958 Crash1 "d" **PREV CRASH** MaxUpDownNeighbors in routing co
./routing/configtemp.c 959 Crash1 "dd" **PREV CRASH** MaxNeighbors in routing config
./routing/configtemp.c 960 Crash1 "d" **PREV CRASH** NumTokens in routing config must
./routing/configtemp.c 961 Crash1 "d" **PREV CRASH** MaxPieces in routing config must
./routing/configtemp.c 962 Crash1 "d" **PREV CRASH** MaxPreProcess in routing config
./routing/configtemp.c 963 Crash1 "d" **PREV CRASH** MaxDBConnectionPairs in routing
./routing/configtemp.c 964 Crash1 "d" **PREV CRASH** MaxDBInterfaces in routing confi
./routing/configtemp.c 965 Crash1 "d" **PREV CRASH** MinMaxNetMessage in routing config m
./routing/configtemp.c 966 Crash1 "d" **PREV CRASH** MaxInteriorNets in routing confi
./routing/configtemp.c 967 Crash1 "d" **PREV CRASH** HashTableSize in routing config
./routing/configtemp.c 968 Crash1 "d" **PREV CRASH** RoutingTableWait in routing conf
./routing/configtemp.c 969 Crash1 "d" **PREV CRASH** RoutingTableMaxWait in routing c
./routing/configtemp.c 970 Crash1 "d" **PREV CRASH** RupGenRetryInterval in routing c
./routing/database.c 746 Crash0 "" **PREV CRASH** ran out of interface entries for ro
./routing/database.c 747 Crash0 "" **PREV CRASH** ran out of neighbor entries for rou
./routing/database.c 915 TRAP_DEBUG "" SPF: Printing SPFDatabase:
./routing/database.c 916 TRAP_DEBUG "ddd" SPF: Node %d NumNeighbors = %d NumInterfa
./routing/database.c 917 TRAP_DEBUG "ddd" SPF: Neigh = %d Distance = %d Tree = %d
./routing/database.c 918 TRAP_DEBUG "a" SPF: Interface %a
./routing/flooding.c 1092 Crash3 "ddd" **PREV CRASH** found cell %d in flooding colum
./routing/flooding.c 1093 TRAP_DEBUG "d" SPF: ClearAgedRup: removing gwy %d from floo
./routing/flooding.c 1111 TRAP_DEBUG "ad" SPF: BringUpComponent: %a is new best comp
./routing/flooding.c 396 Crash2 "da" **PREV CRASH** GetComponentIndex couldn't find c
./routing/flooding.c 397 Crash1 "d" **PREV CRASH** BringDownComponent could not find
./routing/flooding.c 398 Crash2 "xd" **PREV CRASH** RemoveFromList called with empty
./routing/flooding.c 399 Crash2 "dx" **PREV CRASH** PeekAtList called with empty list
./routing/flooding.c 6 TRAP_DEBUG "adddd" SPF: brought up comp %a for gwy %d pos %d N
./routing/flooding.c 6 TRAP_DEBUG "adddd" SPF: entering comp %a for gwy %d NumComp %d
./routing/flooding.c 6 TRAP_DEBUG "adddd" SPF: removed %a as component for gwy %d pos
./routing/flooding.c 748 TRAP_OPER "da" SPF: EnterComponent: no room for component; c
./routing/flooding.c 748 TRAP_OPER "da" SPF: no available flooding columns; can't bri
./routing/flooding.c 748 TRAP_OPER "da" SPF: no available flooding columns; can't bri
./routing/flooding.c 823 TRAP_DEBUG "dd" SPF: %d cells put on coming-up list for neig
./routing/flooding.c 919 TRAP_DEBUG "" SPF: Printing ResourceList:
./routing/flooding.c 920 TRAP_DEBUG "ddd" SPF: %d: Backward = %d Forward = %d
./routing/flooding.c 987 Crash1 "d" **PREV CRASH** EnterComponent - couldn't find fre
./routing/flooding.c 988 Crash2 "dd" **PREV CRASH** RemoveComponent found NumComponen
./routing/flooding.c 989 Crash1 "d" **PREV CRASH** Routing: ChooseComponent found no
./routing/flooding.c 990 Crash2 "dd" **PREV CRASH** ChooseUpComponent found NumCompon
./routing/flooding.c 991 Crash2 "dd" **PREV CRASH** ChooseComponent found NumComponen
./routing/init.c 825 TRAP_DEBUG "d" SPF: starting spf sequence number at %d
./routing/interfaceevent.c 706 TRAP_FIRE "dd" SPF: got status event from interface %d
./routing/interfaceevent.c 707 TRAP_FIRE "d" SPF: interface %d went down
./routing/interfaceevent.c 738 TRAP_FIRE "da" SPF: interface %d came up: IP address i
./routing/interfaceevent.c 921 TRAP_DEBUG "" SPF: Printing Interface Table
./routing/interfaceevent.c 922 TRAP_DEBUG "dd" SPF: interface %d: Status = %d
./routing/interfaceevent.c 972 TRAP_FIRE "ad" SPF: omitting neighbor with my own addr
./routing/msglibadd.c 401 Crash2 "dd" **PREV CRASH** in RtgWrite, numbytes = %d avail
./routing/msglibadd.c 402 Crash2 "dd" **PREV CRASH** in RtgWrite, MG_Write wrote %d b
./routing/neighboroutines.c 739 TRAP_OPER "da" SPF: bringing up gateway %d (%a)
./routing/neighboroutines.c 740 TRAP_OPER "dad" SPF: bringing down connection to gwy
./routing/neighboroutines.c 923 TRAP_DEBUG "" SPF: Printing NeighborTable
./routing/neighboroutines.c 924 TRAP_DEBUG "d" SPF: interface %d
./routing/neighboroutines.c 925 TRAP_DEBUG "a" SPF: %a
./routing/neighboroutines.c 937 TRAP_DEBUG "d" SPF: Gathering configured neighbors o
./routing/neighboroutines.c 938 TRAP_DEBUG "dadd" SPF: on interface %d neighbor %a d
```

Segue elenco

Sep 11 13:01 1987 v3.10/trapmsg.sort Page 14

```
./routing/resourcelist.c 1085 TRAP_DEBUG "dddd" SPF: BuildRup: bad rup about %d to %d
./routing/resourcelist.c 749 TRAP_OPER "dd" SPF: maximum retransmissions of update ab
./routing/resourcelist.c 750 Crash2 "dd" **PREV CRASH** update of %d bytes ; %d is ma
./routing/resourcelist.c 797 TRAP_FIRE "d" SPF: output queue %d full; dropping routin
./routing/resourcelist.c 909 TRAP_DEBUG "dd" SPF: Routing: in PrintUpdate,length of m
./routing/resourcelist.c 910 TRAP_DEBUG "add" SPF: PrintUpdate:NextHop=%a tok=%d len
./routing/resourcelist.c 911 TRAP_DEBUG "dddd" SPF: about %d: seq=%d ExplicitAck=%
./routing/resourcelist.c 912 TRAP_DEBUG "a" SPF: %a
./routing/resourcelist.c 913 TRAP_DEBUG "dd" SPF: %d (distance %d)
./routing/returnqevent.c 403 Crash3 "ddd" **PREV CRASH** token from update to %d abou
./routing/routing.c 709 TRAP_DEBUG "" SPF: Routing initialization completed
./routing/routinginit.c 710 TRAP_OPER "dd" SPF: CAUTION! MaxNeighbors = %d; should no
./routing/routinginit.c 982 TRAP_OPER "dd" SPF: Configured MaxNeighbors was too big (
./routing/routingqevent.c 1076 TRAP_FIRE "dddd" SPF: msglength %d numbytes %d numupda
./routing/routingqevent.c 1077 TRAP_FIRE "dddd" SPF: ggheader: Dist %d Ver %d GGType
./routing/routingqevent.c 1078 TRAP_FIRE "ddd" SPF: rmheader: Checksum %d NumBytes %d
./routing/routingqevent.c 1079 TRAP_FIRE "ddddddd" SPF: rup: Src %d Seq %d Age %d Ret
./routing/routingqevent.c 1080 TRAP_FIRE "d" SPF: rup data: NeighborNumber on erroneo
./routing/routingqevent.c 1086 TRAP_OPER "da" SPF: got malformed rup (too short) : in
./routing/routingqevent.c 1087 TRAP_OPER "da" SPF: got malformed rup (too short) : in
./routing/routingqevent.c 1088 TRAP_OPER "da" SPF: got malformed rup (too short) : in
./routing/routingqevent.c 1090 TRAP_OPER "ddda" SPF: rcvd rup with age=0 source gw %d
./routing/routingqevent.c 1094 TRAP_OPER "dda" SPF: illegal gwy number (%d): interfac
./routing/routingqevent.c 1169 TRAP_FIRE "da" SPF: got malformed rup (too short) : in
./routing/routingqevent.c 711 TRAP_FIRE "d" SPF: flushing routing update sent by down
./routing/routingqevent.c 712 Crash3 "ddd" **PREV CRASH** found cell %d in flooding c
./routing/routingqevent.c 713 Crash0 "" **PREV CRASH** illegal value returned by Upda
./routing/routingqevent.c 714 Crash3 "dd" **PREV CRASH** illegal state in SendNewUpda
./routing/routingqevent.c 721 TRAP_OPER "da" SPF: got malformed rup (too short) : int
./routing/routingqevent.c 730 TRAP_OPER "dda" SPF: unknown gg ver num (%d) on rup : i
./routing/routingqevent.c 731 Crash3 "ddx" **PREV CRASH** bad pkt on routing q; wrong
./routing/routingqevent.c 732 TRAP_OPER "dda" SPF: ExitGwy in ggheader on rup = %d :
./routing/routingqevent.c 733 TRAP_OPER "dda" SPF: unknown rupmsgheader ver num (%d)
./routing/routingqevent.c 734 TRAP_OPER "dda" SPF: illegal EntryGwy in ggheader on ru
./routing/routingqevent.c 736 TRAP_OPER "dda" SPF: illegal source gwy number on rup (
./routing/routingqevent.c 737 TRAP_OPER "dda" SPF: illegal distance (%d) : interface
./routing/routingqevent.c 744 TRAP_DEBUG "dddd" SPF: got current update about %d fro
./routing/routingqevent.c 744 TRAP_DEBUG "dddd" SPF: got new update about %d from %d
./routing/routingqevent.c 744 TRAP_DEBUG "dddd" SPF: got new update about %d from %d
./routing/routingqevent.c 744 TRAP_DEBUG "dddd" SPF: got old update about %d from %d
./routing/routingqevent.c 799 TRAP_OPER "xda" SPF: bad checksum (%x) on rup : interfa
./routing/routingqevent.c 907 TRAP_DEBUG "ddd" SPF: Routing: update from %d being pre
./routing/routingqevent.c 946 Crash1 "d" **PREV CRASH** discovered another gateway wi
./routing/routingqevent.c 971 TRAP_OPER "ddda" SPF: got new rup expl ack about %d seq
./routing/routingtable.c 715 TRAP_DEBUG "x" SPF: must wait to get old routing table %
./routing/routingtable.c 716 Crash1 "d" **PREV CRASH** timed out waiting to get routi
./routing/routingtable.c 718 TRAP_DEBUG "dd" SPF: got routing table %d back after %d
./routing/routingtable.c 926 TRAP_DEBUG "xa" SPF: New Routing Table: default next ho
./routing/routingtable.c 927 TRAP_DEBUG "" SPF: Reachable Gateways:
./routing/routingtable.c 928 TRAP_DEBUG "dad" SPF: %d : next hop %a interface %d
./routing/routingtable.c 929 TRAP_DEBUG "" SPF: Reachable Nets:
./routing/routingtable.c 930 TRAP_DEBUG "ad" SPF: %a directly connected on interfac
./routing/routingtable.c 931 TRAP_DEBUG "add" SPF: %a Exit Gateway = %d Distance =
./routing/routingtimer.c 908 TRAP_DEBUG "dd" SPF: Routing: requesting retransmission
./routing/rupgen.c 400 Crash1 "d" **PREV CRASH** NumComponents>0 for neigh %d but Ch
./routing/rupgen.c 6 TRAP_DEBUG "" SPF: TypeOfChange was RUP_RIGHTAWAY
```

```

./routing/rupgen.c 6 TRAP_DEBUG "" SPF: TypeOfChange was RUP_WAITALITTLE and RupGenWa
./routing/rupgen.c 6 TRAP_DEBUG "" SPF: TypeOfChange was RUP_WAITALITTLE and RupGenWa
./routing/rupgen.c 6 TRAP_DEBUG "" SPF: TypeOfChange was RUP_WAITALITTLE and RupGenWa
./routing/rupgen.c 743 TRAP_DEBUG "dd" SPF: Generating rup : %d neighbors %d interfac
./routing/spf.c 719 Crash1 "d" **PREV CRASH** bug in PrepareTree: Dest %d reachable b
./routing/spf.c 720 Crash1 "d" **PREV CRASH** bug in Search: node %d has no backlink
./routing/spf.c 932 TRAP_DEBUG "" SPF: Printing SPF tree
./routing/spf.c 933 TRAP_DEBUG "ddd" SPF: distance to %d is %d parent = %d
./routing/spf.c 934 TRAP_DEBUG "dd" SPF: distance to %d is %d
./routing/timingsystem.c 174 Crash1 "d" **PREV CRASH** DeleteTimer called with illeg
./routing/timingsystem.c 177 Crash2 "xx" **PREV CRASH** bug in timing heap : posted t
./routing/timingsystem.c 431 Crash1 "d" **PREV CRASH** Timerevent: unknown heap type
./routing/timingsystem.c 704 Crash1 "%d" **PREV CRASH** routing heap overflow: type %
./routing/timingsystem.c 935 TRAP_DEBUG "d" SPF: Printing Timing Heap: HeapEnd = %d
./routing/timingsystem.c 936 TRAP_DEBUG "ddx" SPF: time = %d type = %d pointer = %
./routing/token.c 405 Crash1 "d" **PREV CRASH** AddToTokenTable found no room in toke
./routing/updownqevent.c 140 Crash1 "x" **PREV CRASH** newly-created queue %x was not
./routing/updownqevent.c 165 TRAP_OPER "dda" SPF: no room in Up/Down for neighbor %d
./routing/updownqevent.c 168 TRAP_OPER "add" SPF: neighbor number of %a changed: was
./routing/updownqevent.c 691 TRAP_DEBUG "dddd" SPF: received HELLO from gwy %d interf
./routing/updownqevent.c 692 TRAP_DEBUG "dddd" SPF: received IHY from gwy %d interfac
./routing/updownqevent.c 693 TRAP_DEBUG "x" SPF: received %x on down interface
./routing/updownqevent.c 694 TRAP_DEBUG "da" SPF: moving %d (%a) into SYNCHRONIZING s
./routing/updownqevent.c 695 TRAP_DEBUG "da" SPF: moving %d (%a) into ESTABLISHING st
./routing/updownqevent.c 697 TRAP_DEBUG "da" SPF: received all routing info from %d (
./routing/updownqevent.c 699 Crash2 "da" **PREV CRASH** slave told by %d (%a) without
./routing/updownqevent.c 700 TRAP_DEBUG "daddd" SPF: sending ihy to gwy %d (%a) on in
./routing/updownqevent.c 973 TRAP_OPER "dda" SPF: received up/down with unknown versi
./routing/updownqevent.c 974 TRAP_FIRE "ddda" SPF: received up/down from AS %d (my AS
./routing/updownqevent.c 976 TRAP_OPER "dda" SPF: unknown gg ver num (%d) on updown :
./routing/updownqevent.c 977 Crash3 "ddx" **PREV CRASH** bad pkt on updown q; wrong g
./routing/updownqevent.c 978 TRAP_OPER "dda" SPF: illegal EntryGwy in ggheader on upd
./routing/updownqevent.c 979 TRAP_OPER "da" SPF: got malformed updown packet (too sho
./routing/updownqevent.c 981 TRAP_OPER "xda" SPF: bad checksum (%x) on updown pkt : i
./routing/updowntimer.c 166 TRAP_FIRE "da" SPF: no buffer to send a hello/IHY to %d (
./routing/updowntimer.c 167 TRAP_FIRE "dad" SPF: can't queue hello/ihy to gwy %d (%a)
./routing/updowntimer.c 178 Crash1 "d" **PREV CRASH** UpDown: illegal state %d detect
./routing/updowntimer.c 701 TRAP_DEBUG "da" SPF: moving %d (%a) from RESET to DISESTA
./routing/updowntimer.c 702 TRAP_DEBUG "da" SPF: oving %d (%a) into RTGEXCHANGE state
./routing/updowntimer.c 703 TRAP_DEBUG "daddd" SPF: sending hello to gwy %d (%a) on i

```

