

T i t l e: P/-Pro et Propo l or SO t r to e e terwor go SO 8473, SO 10589, D 10747 (DRP)

S o u r c e:

S p e c i a l n o t e: Th o t r u t o r e p l e t h e p r o r u m o (91-003) m e t o o l e t e .

t the S /W 2 meet g Sy ey, ever l mem er o e expre e tere t ee g more et le
orm to o how the SO route g proto ol SO 8473 oper te together e e t m er.
Th top lo ro e rom u m e r o t o l o e o l e u o t the erl S /W 2 erl
meet g. Two re o o er th t eep ur g re:

- How w ll route g orm to e ex h ge etwee the tr- ter-om route g proto ol ?
- How w ll the ppropr te route g /or orw r g pro e e e ele te whe g ve S mple-
me t ll three o the proto ol me t o e o ve?

t the erl meet g, there were three evelopme t th t m e t mu h le rer out how to re th
top :

1. tr-om route g h progre e to ter to l t r
2. ter-om route g h progre e to D llot
3. The ope o ter-om route g h ee retr te to o e t o l e m o e o oper to o ly

ve the e evelopme t, re omme th t the US u m t P to evelop SO t r to
re the two re o o er l te o ve.

p r l l e w th the P u m o , o t e -pro et propo l hou l l o e u m t t e . The rele-
v t m t e r l w h h wou l e l u e the P h o w o the ext p g e . l o o t e th t whe
the P llot ue , t w ll o e r the er v e o . . u z g e r e t o r . w ll l o e g w o r t o
p r o u e e w o r g r t t e x t t o o m p y the t p t e P llot , e x p e t t o h v e t v l l e
o r r e v e w y o u r e x t X3S3.3 meet g .

ter l or the SO P Sum o

Title: ter to etwee SO Route g Proto ol SO 8473 reg r to orw r g pro e e
h r g o route g orm to etwee proto ol

Scope el o ppl to: The propoe t r will e e metho or the ex h ge
h r g o route g orm to etwee SO 8373, SO 10589, D 10747; tw ll lo e e the
teroper to the v ul "route g" "orw r g" pro e e th t re e p r tely e e e h
o the e proto ol .

Purpose: theory, tr - om route g proto ol ter - om route g proto ol
oper te orre tly w thout ex h g g orm to etwee them elve . However, u h o t mo e
o oper to o the e two proto ol u -opt mum. t, e h proto ol w re o orm to
wh h oul e u e pro t ly y the omp o proto ol, ut o t r metho e e or or-
m to h r g etwee SO 10589 D 10747 orer to o trute et route rom t l
oure to l et to .

The propoe t r e e metho or o trut ge et tr - RD p th wh h e u e
upport o ter - om route g, ex m g three t t pet o th pro lem:

1. **Source tr - RD P th o tru t o :** metho to o trut opt m ze tr - om p th
etwee oure y tem ou ry S lo te the me route g om
2. **terme te tr - RD P th o tru t o :** metho to o trut opt m ze p th etwee
p r o ou ry S lo te the me RD, w th pe l tte to g ve to the u e o tr -
om l or the purpo e o rry g ter - om tr etwee the e S .
3. **Det to tr - RD P th o tru t o :** metho or o trut g opt mum the tr - om
p th etwee ou ry S et to y tem th t re lo te the me route g
om .

urthmore, e h o the three proto ol (SO 8473, SO 10589, D 10747) lo e e " or-
w r g" /or "route g pro e e", ut there o t r th t e e the ter to etwee
the v ul pro e e . The propoe ter to l t r will e e the ter to , pe lly
ot g whe e h o the proto ol hou h le g ve PDU whe t hou h th t PDU
over to o e o the other two proto ol .

Progr mme o Wor : ter to l t r, w th te h l orr ge (e e e) to SO 8473
SO 10589

Relev t Do ume t : SO 8473, SO 10589, D 10747

Prep r tory Wor o ere w th t rget te : Wor g r t y July 1992; D Reg tr t o y
O to er 1992; D S Reg tr t o y July 1993; l text y De em er o 1993

Serv e o m te e ge y or reg tr t o uthor ty: o e w ll e requ re .

Propoe g me t: Th pro et hou l e ge to S /W 2