Dran Liu: Bluc Ryan Summers: Red GIG 5) P=nextprime(10124) 9=5 a= V blffkey.txt H= 2067 ... K= V b/Mokey.txt (= Mad(g1k, P) = 5391... X= K- (H+ar) Mod p-1 = 4969... ii) Partner's (1,x,H) = (8438..., 6766 ..., 2067) 9 H + ar Med P = r med P MACZ) 1011 0110 1110 0110 = 46822 N = 2314... e=7269... d= 1071... M = Hd mod n = 2262...

H= Me med n = 46822

M1(3) H=46822 P= nextprim (10124) 9=5 K=7/78... 9 = 6000... r = 9 mod p= 5391 ... X= K- (H+91) mod p-1) = 4/74... Verify with grandp = 1x mid p