

# **EXHIBIT G**

# rec.games.netrek

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Message from discussion [Netrek FTP list](#).

Tom Holub [View profile](#)

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Newsgroups: **rec.games.netrek**, **rec.answers**, **news.answers**  
 Followup-To: **rec.games.netrek**  
 From: **tom@soda.berkeley.edu (Tom Holub)**  
 Date: **22 Jul 1994 02:52:11 GMT**  
 Local: **Thurs, Jul 21 1994 9:52 pm**  
 Subject: **Netrek FTP list.**

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Last-Updated: 21 Jul 1994  
 Archive-Name: games/netrek/ftp-list  
 Changes: charon.amdahl.com and pittslug.sug.org now no longer supporting netrek archives; if you know suitable mirrors please let me know.

- Contents:  
 FAQ LISTS  
 BLESSED CLIENTS  
 UNBLESSED CLIENTS (borgs)  
 SERVER SOURCE  
 UTILITIES  
 TIPS/ADVICE  
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 LIST OF SITES  
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If you are using rn/trn (or possibly others), you can use ^G to browse from subject to subject.

Subject: FAQ LISTS  
 Summary: The latest versions of the rec.games.netrek FAQ, server, and FTP lists.

Location: ftp.csua.berkeley.edu /pub/netrek  
 rtfm.mit.edu /pub/usenet/rec.games.netrek

Subject: BLESSED CLIENTS  
 Summary: The compiled binaries listed under this category are 'blessed,' which means that most servers will accept them at all times (unblessed clients get booted out). There are two types of blessing, reserved.c (old) and RSA (new). Most servers are now accepting only RSA-blessed clients. With some RSA clients, you need to use -R on the command line to enable RSA blessing. -o enables old-style blessing.

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Name: COW (Client Of Win)

Author: Team, distributed by siegl@risc.uni-linz.ac.at.

Description: The next step in BRM development; feature-packed but relatively stable. Supports sound.

Source: ftp.risc.uni-linz.ac.at /pub/netrek/cow  
infant2.sphs.indiana.edu /pub/netrek/COW

Compiled binaries:

Dec Ultrix ftp.risc.uni-linz.ac.at /pub/netrek/cow  
infant2.sphs.indiana.edu /pub/netrek/COW/COW-bin  
Dec Alpha infant2.sphs.indiana.edu /pub/netrek/COW/COW-bin  
SGI ftp.risc.uni-linz.ac.at /pub/netrek/cow  
infant2.sphs.indiana.edu /pub/netrek/COW/COW-bin  
Sun 3 ftp.risc.uni-linz.ac.at /pub/netrek/cow  
infant2.sphs.indiana.edu /pub/netrek/COW/COW-bin  
Sun 4 ftp.risc.uni-linz.ac.at /pub/netrek/cow  
infant2.sphs.indiana.edu /pub/netrek/COW/COW-bin  
Solaris 2.3 infant2.sphs.indiana.edu /pub/netrek/COW/COW-bin  
Linux ftp.risc.uni-linz.ac.at /pub/netrek/cow  
infant2.sphs.indiana.edu /pub/netrek/COW/COW-bin  
HP 700 ftp.risc.uni-linz.ac.at /pub/netrek/cow  
infant2.sphs.indiana.edu /pub/netrek/COW/COW-bin  
AIX 3.2 infant2.sphs.indiana.edu /pub/netrek/COW/COW-bin  
Sequent PTX infant2.sphs.indiana.edu /pub/netrek/COW/COW-bin

Name: BerkeleyRicksMoo 3.00+

Author: Team, distributed by lab@mtek.chalmers.se.

Description: Outdated by COW (above), but still a popular client.

Note: ftp.cs.chalmers.se is currently down.

Source: ftp.chemietechnik.uni-dortmund.de /netrek/src

Compiled binaries:

Dec Ultrix ftp.chemietechnik.uni-dortmund.de /netrek/bin  
Sequent PTX ftp.chemietechnik.uni-dortmund.de /netrek/bin  
ftp.risc.uni-linz.ac.at /pub/netrek/bin.rsa  
SGI ftp.chemietechnik.uni-dortmund.de /netrek/bin  
crissy.berkeley.edu /pub  
Sun 4 ftp.chemietechnik.uni-dortmund.de /netrek/bin  
Sun 3 ftp.chemietechnik.uni-dortmund.de /netrek/bin  
Linux ftp.csua.berkeley.edu /pub/netrek/linux  
crissy.berkeley.edu /pub  
FreeBSD ftp.chemietechnik.uni-dortmund.de /netrek/bin  
Solaris ftp.chemietechnik.uni-dortmund.de /netrek/bin

Name: COW-lite 1.20+

Author: Team, distributed by sheldon@iastate.edu.

Description: A smaller version of COW; a full-featured client, but engineered for speed. Supports RSA, short packets, ping stats, and RCD.

Source: soils.agron.iastate.edu /pub/netrek/COW-lite

Compiled binaries (more to come):

SGI soils.agron.iastate.edu /pub/netrek/COW-lite  
Sun 4 soils.agron.iastate.edu /pub/netrek/COW-lite  
RS6000 soils.agron.iastate.edu /pub/netrek/COW-lite

Name: Berkeley client

Author: mehlhaff@ocf.berkeley.edu.

Description: Also a full-featured client, including some stuff not in BRM.  
Supports RSA and short packets. Netrek For Morons mode (-M).  
This client is NOT INL-legal.

Source: ocf.berkeley.edu /pub/netrek/Sources

Compiled binaries:

Dec Ultrix ocf.berkeley.edu /pub/netrek/Binaries  
HP Apollo ocf.berkeley.edu /pub/netrek/Binaries  
Sequent/DYNIX ocf.berkeley.edu /pub/netrek/Binaries  
Sun 3 ocf.berkeley.edu /pub/netrek/Binaries  
Sun 4 ocf.berkeley.edu /pub/netrek/Binaries

Name: BRM-Hadley 1.7+

Author: hadley@ics.uci.edu

Description: A version of Berkricksmoo streamlined for speed. Good  
client for slow machines. Supports RSA, short packets, and  
ping stats. There is also a FONTBASED version for the sun 3  
which uses fonts instead of bitmaps for the ships; this should  
speed things up considerably.

Source: cad.ics.uci.edu /pub/netrek

Compiled binaries:

Sun 3 cad.ics.uci.edu /pub/netrek  
Sun 4 cad.ics.uci.edu /pub/netrek  
Linux ftp.csua.berkeley.edu /pub/netrek/linux  
cad.ics.uci.edu /pub/netrek  
HP 700 cad.ics.uci.edu /pub/netrek  
SGI cad.ics.uci.edu /pub/netrek  
MIPS cad.ics.uci.edu /pub/netrek

Name: RomaBerkMoo

Author: sheldon@iastate.edu

Description: A client based on BRMH, but with many features from the latest  
BRM added. Supports RSA, short packets, and RC\_DISTRESS.

Source: Unavailable.

Compiled binaries:

Dec soils.agron.iastate.edu /pub/netrek

Name: Bronco client

Author: ?

Description: A bare-bones client. Supports RSA.

Source: Currently homeless as far as I know.

Name: Paradise client 2.0+

Author: Team, paradise-workers@reed.edu.

Description: A client for the new Paradise server. Fully compatible with non-Paradise servers, but the RSA key isn't accepted on all servers. Supports RSA. More visually appealing than most clients. This client is needed to play on Paradise servers.

Source: ftp.cis.ufl.edu /pub/netrek.paradise

Compiled binaries:

Sun 3	ftp.cis.ufl.edu	/pub/netrek.paradise
Sun 4	ftp.cis.ufl.edu	/pub/netrek.paradise
Sun Solaris	ftp.cis.ufl.edu	/pub/netrek.paradise
SGL	ftp.cis.ufl.edu	/pub/netrek.paradise
RS6000	ftp.cis.ufl.edu	/pub/netrek.paradise
HP Apollo	ftp.cis.ufl.edu	/pub/netrek.paradise
HP9000 s700	ftp.cis.ufl.edu	/pub/netrek.paradise
Decstation	ftp.cis.ufl.edu	/pub/netrek.paradise
Linux	ftp.cis.ufl.edu	/pub/netrek.paradise

Name: VMS client

Author: ?

Description: Client for VMS. Features unknown. Reportedly does not support RSA.

Source: ftp.uml.edu /netrek/VMS

Compiled binaries:

VMS	ftp.uml.edu	/netrek/VMS
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Name: Vax Ultrix client

Author: ?

Description: Client for Vax Ultrix. Supports RSA? Features unknown.

Source: Unavailable.

Compiled binaries:

Vax Ultrix	ftp.unh.edu	/pub/submissions/netrek/local
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Name: MacNetrek version 1.0/Netrek Display Bridge

Author: jiangwu@postgres.berkeley.edu

Description: This client allows you to play on a Macintosh connected to a unix host via a 9600+ baud modem. You need both the Netrek Display Bridge (ndb, on the unix end) and the Mac client itself.

Source: ftp.csua.berkeley.edu /pub/netrek/MacNetrek/src

Compiled binaries:

Sun 4 ftp.csua.berkeley.edu /pub/netrek/MacNetrek  
Dec 3100 ftp.csua.berkeley.edu /pub/netrek/MacNetrek  
HP 700 ftp.csua.berkeley.edu /pub/netrek/MacNetrek

Name: Winetrek (MS-Windows/ndb client)

Author: cmlee@netcom.com

Description: This client allows you to play on an IBM PC connected to a unix host via a 9600+ baud modem. You need both the Netrek Display Bridge (ndb, on the unix end) and the Winetrek client itself. NOTE: This uses an older version of ndb than MacNetrek does; they are not compatible (yet).

Source: ftp.netcom.com /pub/cmlee/winetrek/ndb/src

Compiled binaries:

Sun 4 ftp.netcom.com /pub/cmlee/winetrek/ndb/bin

Name: MacTCP client

Author: nlc@cs.nott.ac.uk

Description: This is an alpha-testing version of a client that runs on a Macintosh connected to the net via MacTCP. It now works in a basically playable manner. Does NOT support RSA yet.

Source: Not available.

Compiled binaries:

Macintosh nyquist.cs.nott.ac.uk /pub/mac\_client

Name: Amiga client

Author: jesup@cbmvax.cbm.com

Description: This client allows you to play on an Amiga connected to a unix host via a 9600+ baud modem if you have the beta version of release 2 of the Commodore Amiga AS225 TCP/IP package, or AmiTCP with the clone of socket.library.  
There is also a compiled server binary here.

Source: Currently homeless.

Name: Amiga DNetrek client

Author: mehlhaff@ocf.berkeley.edu

Description: This client allows you to play on an Amiga connected to a unix host using the DNet windowing program. It is very new and experimental (alpha release).

Source: ocf.berkeley.edu /pub/amiga

Compiled binaries:

Amiga ocf.berkeley.edu /pub/amiga

Name: Amiga DNetrek Paradise client

Author: jrumsey@cslu.ucr.edu

<http://groups.google.com/group/rec.games.netrek/msg/ac03262b6ac8c4c1>

Description: A later version of the above, including Paradise mods. It requires 2 megs of RAM, OS 2.0 or higher, a fast modem, a Unix host, and DNet (see above). Supports RSA, short packets, and synthesized speech for messages.

Source: Available upon request.

Compiled binaries:

Amiga ftp.cis.ufl.edu /pub/netrek.paradise

Subject: UNBLESSSED CLIENTS (Borgs)

Summary: The clients listed here are not blessed and will be booted out of servers which do binary checking. These clients have various features which aid standard human play (such as auto-aiming, auto-firing, auto-dodging, etc.)

Name: Sunborg

Author: Roger Wong (Scout Popcorn)

Description: Your basic simple borg client.

Source: Unavailable.

Compiled binaries:

Sun 4 grind.isca.uiowa.edu /unix/netrek/binaries

Name: Grandfather borg

Author: David Teo

Description: Borg client with full robot mode.

Source: Unavailable.

Compiled binaries:

Sun 4 grind.isca.uiowa.edu /unix/netrek/binaries

NeXT grind.isca.uiowa.edu /unix/netrek/binaries

Decstation grind.isca.uiowa.edu /unix/netrek/binaries

Subject: SERVER SOURCE

Summary: This is a listing of all known netrek server sources. Before you try to set up a server, make sure your sysadmin approves. Also, running a server takes rudimentary programming skills and the ability to understand and use 'make' and other Unix tools; don't expect to be able to FTP one of these packages and have a server up and running with no effort.

Name: Scam server

Author: Kevin Smith and Scott Silvey

Description: The original source. Now quite outdated and hard to compile.

Location: scam.berkeley.edu /src/games/xtrek

Name: New Vanilla Server 2.2+

Author: Nick Trown

Description: The latest release of the vanilla netrek server. The most

<http://groups.google.com/group/rec.games.netrek/msg/ac03262b6ac8c4c1>

up-to-date and portable, highly recommended.

Source: ftp.ecst.csuchico.edu /pub/netrek/src

Compiled binaries:

Linux ftp.csua.berkeley.edu /pub/netrek/linux  
ftp.risc.uni-linz.ac.at /pub/netrek/bin.misc

Name: Bronco server

Author: Terence Chang

Description: The most widely used source package. Also somewhat outdated but generally a solid release.

Location: gs69.sp.cs.cmu.edu /code  
ftp.cis.ksu.edu /pub/Games/netrek

Name: INL Server

Author: Ray Jones, Eric Mehlhaff, and now ihc@cs.montana.edu.

Description: This server is required for INL games, and is the best for organized, fixed-length games. Latest revision is 4.00pl8.

Location: crissy.berkeley.edu /pub

Name: KSU Chaos Server

Author: ?

Description: Chaos mode with galaxy-class ships. Used to be quite popular, isn't so much anymore.

Location: ftp.cis.ksu.edu /pub/Games/netrek

Name: Paradise Server

Author: Team, paradise-workers@reed.edu.

Description: Larger galaxy, many new ship types, lots of new rules. A much different game than standard netrek. Still under development.

Location: ftp.cis.ufl.edu /pub/netrek.paradise

Name: Base practice server (binary only)

Author: Tedd Hadley

Description: A server specifically for practicing basing, as seen at vlsi.ics.uci.edu. Includes base ogg robots. Binary only.

Compiled binaries:

Linux: ftp.risc.uni-linz.ac.at /pub/netrek/bin.misc/linux-nt.tgz

Subject: UTILITIES

Summary: This is a collection of netrek-oriented utilities, some for server gods and some for netrek players. There are probably more out there which I've failed to list.

Name: xsg

Author: Tedd Hadley (hadley@cad.ics.uci.edu) (originally Andy McFadden)

Description: An X version of the 'showgalaxy' server tool. Allows the server

god to change ship stats, planet stats, watch the game, and much more.

Location: cad.ics.uci.edu /pub/netrek  
pittslug.sug.org /pub/netrek

Name: trekhopd

Author: Andy McFadden (fadden@netcom.com)

Description: This allows people who are behind an Internet firewall to play netrek. trekhopd runs on the firewall, and your client calls up trekhopd. Installation instructions are included.

Location: Currently homeless.

Name: plectit

Author: Andy McFadden (fadden@netcom.com)

Description: This allows server gods to edit their player database.

Location: Currently homeless.

Name: ckplayers

Author: ?

Description: Tool to call up a server and get a list of people playing. If there is a wait queue, it reports its length.

Location: gs69.sp.cs.cmu.edu /code

Name: XnetrekM

Author: Tedd Hadley (hadley@cad.ics.uci.edu)

Description: Motif-based front end to the Metaserver.

Location: cad.ics.uci.edu /pub/netrek  
gs69.sp.cs.cmu.edu /code

Name: RES-RSA package.

Author: Team.

Description: This is the key generation/encryption/decryption package for server gods and client builders. It can be legally obtained only by US and Canadian citizens; mail trown@ecst.csuchico.edu for the key to decrypt the source package.

Location: ftp.ecst.csuchico.edu /pub/netrek/src

Name: PGP (RSA clone) package.

Author: James Hawtin

Description: This is a PGP-based implementation of the RSA key generation/encryption/decryption package for server gods and client builders. It can be legally used anywhere outside the USA. In the USA, using it is a patent violation.

Location: ftp.risc.uni-linz.ac.at /pub/netrek/src

Subject: TIPS/ADVICE

Summary: These are collections of advice for new players as well as old-timers.

Location: [gs69.sp.cs.cmu.edu](ftp://gs69.sp.cs.cmu.edu) (default directory)

Comments: This a collection of advice culled from the old CMU netrek bboard, and then from [alt.games.xtrek](ftp://alt.games.xtrek) and now [rec.games.netrek](ftp://rec.games.netrek). There is all kinds of good stuff here about how to play various ships and roles. There is also a sample `.xtrekr`. You'll find definitions of words like 'ogg' here. There are also tips on how to get a server running, and much more. This archive is available over AFS (`cd /afs/cs.cmu.edu/user/jch/netrek`) and WAIS (`gourd.srv.cs.cmu.edu`, port 6000, name `netrek-ftp`).

Subject: INL STUFF

Summary: This is where you can find stuff related to the International Netrek League.

Name: Administrative documents

Location: [ftp.csua.berkeley.edu /pub/netrek/INL](ftp://ftp.csua.berkeley.edu/pub/netrek/INL)

Comments: The latest versions of all documents related to the INL can be found here, including current rosters, schedules, etc.

Name: INL Server

Author: Ray Jones, Eric Mehlhaff, and now [ihc@cs.montana.edu](mailto:ihc@cs.montana.edu).

Description: This server is required for INL games, and is the best for organized, fixed-length games. Latest revision is 4.00pl8.

Location: [crissy.berkeley.edu /pub](ftp://crissy.berkeley.edu/pub)

Subject: LIST OF SITES

Summary: A short listing of all known FTP sites.

[scam.Berkeley.EDU](ftp://scam.Berkeley.EDU) 128.32.138.1 The original site (now outdated).  
[ftp.csua.berkeley.edu](ftp://ftp.csua.berkeley.edu) 128.32.149.19 INL administrata, FAQ lists.  
[crissy.berkeley.edu](ftp://crissy.berkeley.edu) 128.32.156.224 INL server.  
[ftp.cd.chalmers.se](ftp://ftp.cd.chalmers.se) 129.16.79.20 Berkeleyricks moo client.  
[ocf.berkeley.edu](ftp://ocf.berkeley.edu) 128.32.184.252 Berkeley client.  
[ftp.cis.ksu.edu](ftp://ftp.cis.ksu.edu) 129.130.10.80 Mirrors.  
[gs69.sp.cs.cmu.edu](ftp://gs69.sp.cs.cmu.edu) 128.2.206.167 Learn to play here!  
[b62103.student.cwru.edu](ftp://b62103.student.cwru.edu) 129.22.242.151 NeXT stuff.  
[ftp.iastate.edu](ftp://ftp.iastate.edu) 129.186.140.11 Little bit of everything.  
[iacrs2.unibe.ch](ftp://iacrs2.unibe.ch) 130.92.11.4 Source for IBM rs6k/AIX.  
[sgi.com](ftp://sgi.com) 192.48.153.1 Silicon Graphics binary.  
[cad.ics.uci.edu](ftp://cad.ics.uci.edu) 128.195.1.42 UDP client.  
[ftp.coe.montana.edu](ftp://ftp.coe.montana.edu) 192.31.215.240 Mirrors.  
[ftp.informatik.uni-rostock.de](ftp://ftp.informatik.uni-rostock.de) 139.30.5.23 Galaxy client.  
[ftp.ulowell.edu](ftp://ftp.ulowell.edu) 129.63.32.1 VMS client.  
[ftp.unh.edu](ftp://ftp.unh.edu) 132.177.128.99 VAX Ultrix client.  
[duke.me.chalmers.se](ftp://duke.me.chalmers.se) 129.16.50.80 ntpatch source.  
[ftp.chemietechnik.uni-dortmund.de](ftp://ftp.chemietechnik.uni-dortmund.de) 129.217.174.20 Mirrors [gs69.sp.cs.cmu.edu](ftp://gs69.sp.cs.cmu.edu).  
[tbird.cc.iastate.edu](ftp://tbird.cc.iastate.edu) 129.186.140.11 Game recorder server mod.

<http://groups.google.com/group/rec.games.netrek/msg/ac03262b6ac8c4c1>

ftp.risc.uni-linz.ac.at 193.170.33.112 RSA stuff/ENL archive.  
nyquist.cs.nott.ac.uk 128.243.22.10 Sparc sound client.  
ftp.cis.ufl.edu 128.227.100.252 Paradise clients.  
legend.cma.fr 192.33.149.2 Various clients and docs.  
ftp.reed.edu 134.10.2.24 Mirror of ftp.cis.ufl.edu.

Subject: HYPER-LINKS

Summary: FTP For Morons(TM)

<p><hr><ul><a href="http://obsidian.math.arizona.edu:8080/netrek.html"></ul></a>

<a href="ftp://infant2.sphs.indiana.edu/pub/netrek/COW/COW-bin/">FTP Link</a>

<A HREF="http://jasper.bbn.com:8001/Netrek">

<http://www2.ecst.csuchico.edu/~trown/netrek/wormhole>

<http://www-engr.uvic.ca/~jbaker/Oggsquad/oggsquad.netrek.html>

<http://kirk.cgrg.ohio-state.edu/amueller/home.html>

<http://crab.sp.ph.ic.ac.uk/nato/welcome.html>

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