

A Collection of Four Transcripts of Long Conversations through Computers

Including the Experiments Protocols

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Abstract

This report is a presentation of four transcripts of long conversations between four or five participants. The conversations were held through computer terminals using a windowing communication system. Three different types of experiments have been run. The first part of the report presents the system that has been used and the setting common to all experiments. Other possible experimental settings are compared and criticized. The second part describes the formatting method and transcription used for all the transcripts. The third part is a description of each of the experiments. The fourth part is the complete transcription of all four conversations.

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1 Collecting transcripts of conversation through computers

1.1 Motivation

One of the main use of natural language processing will be to develop easier-to-use interactive systems. The best metaphor to describe the participation of users to a task involving the use of an interactive system is that of conversation.

Studies in conversation analysis ([Atkinson & Heritage 84, Sacks, Schegloff & Jefferson 74]) and human communication ([Dance 82]) have shown the complexity of conversation structure. In particular, the use of non-linguistic resources available in face-to-face interaction (intonation, gesture) has been shown to be of primary importance in conversation structuring. These resources are currently not relevant for a conversation with an interactive system, where all the interaction is done through a keyboard/screen medium, and therefore purely linguistic.

Psychological studies in computer conferencing ([Murrell 83, Chapanis et al. 72, Hiltz & Turoff 81]) have studied human communication under the constraints of an electronic medium. This kind of studies is extremely relevant to the development of a natural language interactive system. [Murrell 83] has shown that the structure of communication enforced by the communication system can greatly affect the quality of interaction and its efficiency. Murrell compared two communication systems: one was "message-based," *i.e.*, each participant had to complete a message before sending it to others, the other was "window-based," *i.e.*, what each participant typed appeared in a separate window on the screens of all participants. She found that the window-based system allowed a more efficient interaction when participants had to make a decision.

The use of such a window-based communication system is as close as possible to what can be reasonably expected from a natural language interactive system involving several users. We have collected transcripts from conversations held under such circumstances. They constitute a precious tool to design and specify a natural language interactive system.

1.2 Uses for the transcripts

The description of the primordial use of non-linguistic cues in conversation by conversation-analysts leads to the inference that when these cues are not available, *e.g.*, when using an electronic communication medium, their function can be assumed by linguistic devices. An analysis of the transcripts presented here will allow to acquire a better knowledge of what are these devices.

We are particularly interested in studying the structure of conversation viewed as an "interactive achievement" ([Schegloff 81]), and the linguistic devices used to produce this structure.

The variety of experiments we have designed will also allow a more psychological analysis of the transcripts: nature of the negotiation process (for the "crisis game"), of argumentation (for the "nicaragua discussion"), of task oriented conversations (for the "crane experiment"), and, for all, the structure of the group of conversationalists (leadership, reaching of agreement, participation rate, etc.)

1.3 Setting of the experiments

All experiments were run under the same setting. Participants were all in different rooms, with no visual or auditory communication possible with the other participants. They all had a computer terminal displaying one separate non-overlapping window for each of the participants. Whenever a participant typed a letter, it appeared on the screens of all participants, therefore allowing an immediate feedback.

2 Transcription and Formatting

The problem of transcription of conversations has become acute when conversation-analysts pointed out the incredible richness of information used and needed by conversationalists to make their contribution appropriate. The length of silences, the precise description of overlapping between turns, the use of "hums" and laughter are all critical to understand and analyze a conversation. Conversation analysts have come up with an extensive set of transcription conventions recording a good part of this information (cf. [Atkinson & Heritage 84] for example).

Such a machinery is not needed in our case, for most of the information concerned by these conventions is not available with an electronic medium. Conversationalists, and therefore analysts, however, use more information than is provided by the text alone. The main source of extra-information is the synchronization between the different turns. We need to know when a turn is interrupted, when several participants type together, when a word is tried and then erased. This temporal dimension of conversation tends to disappear on a printed transcript.

We have made a choice in our transcription to improve readability at the cost of losing some minor elements of information: our transcription accounts for turns interruptions and overlapping, but does not display editing of the text (use of backspaces, line or word erase). This information is still available in raw form but does not appear on the printed transcripts. We actually found that most of the editing was done to correct spelling or typing mistakes, and was rarely to be interpreted as a mark of hesitation.

Interruptions are represented as follows:

```
P1: bla bla bla bla bla bla bla
P2:      [beep beep beep beep ...
```

The bracket "[" is generally placed right at the start of the interruption. However, due to delays in the network, this information is not always very accurate. It should be taken as a rough approximation.

Overlapping turns are represented as follows:

```
P1: bla *bla bla bla bla
    bla bla bla bla bla
    bla bla bla bla bla
P2:      [beep beep beep beep
        [beep beep beep beep
        [beep beep beep beep
```

The brackets "[" are on the left of all of P2's turns as long as what was typed was overlapping with P1's turn. All of P1's turn is grouped in one chunk of text, even though it has been interrupted at the first line. The indentation of the second speaker can be used as an indication of when the overlapping started: if there are 3 lines worth of "bracketed turns," that means the interruption occurred 3 lines above in P1's turn (in the example, approximately where the "*" is placed).

To improve readability, each of the participants has been affected a different style on the printed transcripts: bold, italics, small capitals or plain roman. This device greatly helps discriminate who is speaking at any time.

Lines are numbered for easier references.

3 Experiments: Instructions to the participants

We have run 3 set of experiments. For each of the experiments, the participants were volunteers from the Computer Science Department at Columbia. They were all either faculty members or graduate students. The following instructions were given for each of the experiments.

3.1 The Crisis Game

The crisis game has been previously used for psychological experiments. It is a classical example used in game-theory and illustrates quite nicely the problems of negotiation and group interaction.

Instructions to Players - The Crisis Game

Here are the rules of the Crisis Game. Each player is representing a state in an imaginary world. *Your role during the game is to negotiate an alliance to face an external threat.*

Each country has a certain amount of money at its disposition. The general distribution is made known to all the players. All the players have not an equal amount of resources... that's the hard law of International Relations...

At the beginning of a party, some information is given to all of the players about the possible size of the threat. But the important factor is that there is no certainty about it... The threat comes from an alien form of life, and first research has yielded more or less reliable information on its possible effects. So the information you are given at the beginning takes the form of some precision on the probability distribution of its size.

Example of information given:

- No Upper Bound Known --
- Most probable: 200 --
- Between 1 and 100: 20% --
- Between 101 and 300: 70% --
- More than 300: 10% --

To counteract the threat, you have to build a *defense fund* consisting of monetary contributions from each country. The negotiation (and the party) ends when all the countries agree on the amount of their contribution.

At this point, the exact size of the threat is unveiled. If it ever exceeds the size of the alliance's defense fund, then a *Crisis* has occurred. The world is destroyed, and you all lose everything...

If, on the other hand, your alliance fund overcomes the alien attack, then you win... A score is computed for each of the players reflecting your performances in a mathematical formula. Of course the formula is kept secret, to avoid any influence on your way of playing.

The Phone Program

You will play to this game on your terminal through a communication program called *Phone*. *Phone* is available on the Vaxes in the department. It is very similar to the Talk facility. It just allows more than two users. When you are called on your terminal, you receive a prompt of the form :

```
Message from the Telephone_operator@Sylvester at
Phone : connection requested by elhadad@sylvester
Phone : respond with "phone elhadad"
```

Once you have answered (yes, you can type "phone elhadad", it works!), your screen should appear like this:

```
--- elhadad@sylvester on tty05 (Michael Elhadad) -----
```

```
Ok here is the kind of screen you'll see with 2 players.
```

```
Another thing, all the editing keys work fine:
```

```
^U: kills the line.
```

```
^W: kills the previous word.
```

```
^L: refresh the screen.
```

```
Backspace works.
```

```
--- elhadad@sylvester on tty00 (Michael Elhadad) -----
```

```
You always type on the window at the top of the screen.
```

```
All what you type is echoed on all the screens of the players.
```

```
You can type all together.
```

```
Just one thing, when you begin a new intervention, please try
to begin a new line.
```

For the rest, everything is really easy to use. Of course you can always type ^C to quit, and leave the game whenever you want, but not too soon please...

Some Final Precisions

You will play at four. I think you all know each other, you are all in the program. Optimally, I'd like you to play 4 parties. But, that will depend on the time it will take, and how long you can waste your time with this... Anyway, you can play a party very fast, there is no lower bound... Just try not to waste the resources of your country and to negotiate as tough as you can.

Ah yes, a final thing... all what you'll type won't be lost forever... it's kept in files for further examination. Your names don't have to appear on the transcripts... it's like you feel. Just let me know.

Many Thanks to all of you!

3.2 The Nicaragua Discussion

The idea with the Nicaragua discussion is to analyze argumentation strategies. The topic chosen was a well known political debate. Partisans of contra-aid and its opponents were asked to argue first for their opposite position, and then, in a second part, for their position. All parties are aware of the "classical arguments" used by both pro- and against parties. However, when they are asked to argue for the opinion they do not hold, the participants do not use the known arguments of their adversaries. The dissimilitude of the 2 parts should be explained by a theory of argumentation (how the arguments are found and opposed together, the link between arguments and beliefs should be explained).

Instructions to Participants: The Nicaragua discussion

In this experiment, four persons are asked to argue about the US policy in Nicaragua. Two have claimed 'conservative' opinions and support US support to the contras, the two others claim 'liberal' opinions and are against such a support.

The particularity of the debate is that in a first stage, people will have to argue for their 'opposite': the two 'liberals' will argue FOR US intervention, and the two 'conservatives' will argue AGAINST it. This first discussion will be limited to 20 minutes.

In a second stage, things go back to what they should be, and participants argue for their true opinions. This second discussion is limited to last 25 minutes.

Participants won't be prosecuted for the kind of facts they report, but are expected to follow the known rules of intellectual honesty. The debate will be stored on files, but the actual names involved can be held secret for later reference. Complete transcripts will be made available for all participants.

The debate will be held over computer-network. Participants will be using the *Phone* program. This program allows them to speak all together without any kind of restriction.

3.3 The Crane

The Crane experiment involves 3 participants cooperating in order to build a crane using a construction toy. The transcripts can be used for an analysis of reference to physical objects. The other interesting aspect is the fact that the instructions were very long and detailed, and can be used as the implicit "background" of the conversation (especially the start of the conversation in the second experiment). The way the instructions are "re-said" by the participants is particularly interesting for an analysis of the implicit in language.

Instructions to Participants: The Crane

Welcome to the Erector Natural Language Community Championship !

To participate, you have to build a crane using a huge 'Erector Construction Set'. You will be competing in teams of three.

Your team has to be as fast as possible. To win, your time must be better than the score of all other teams who competed, and must be less than 90 mns.

3.3.1 Setting

You are not going to see each other: each of you is in a separate room and has been provided with a different set of technical instructions besides this document.

If you need to exchange information, you have to use a terminal. You will be using a special communication program called "**Phone**" that splits the screen of your terminal into four windows. Each of the participants will be connected to one window. Whatever you type appears on all the connected terminals simultaneously (see a more detailed description of "Phone" at the end of this document). Stay tuned to your terminal, it may always contain some new information. If you want to call your partners and are afraid they might not look at their terminal, use the Ctrl-G key (it sends a beep to everyone).

If you need to exchange pieces or any physical object that don't pass through a keyboard, a messenger will take care of that. The messenger will be the fourth participant to the experiment, connected to the fourth window of your screens.

3.3.2 Procedure

1. Organization of the Group

Before beginning to work on the game itself, you have some decisions to take as explained in the following sections. A good organization of your joint effort is the key to success. Deciding of this organization by itself may be a hard task. You may therefore decide to organize your group in such a way that will ease the decision making process and minimize the time spent not working on the crane.

Here are some suggestions :

- a. No predefined organization. This is an irrelevant issue.
- b. All three partners agree on a common procedure, either in advance, either at each time a decision is needed, on an equal basis. All three partners actually take part to the building.
- c. One person takes the responsibility of managing all decisions.

This manager does not build anything, but deals with the messenger (see below) so that all needed pieces are distributed in advance to the two workers at the right time. The manager also distributes the subtasks to the workers and watches their schedule.

- d. The manager also takes part to the building.
- e. Two persons manage, and one person works... Of course the two managers don't do anything but spend their time arguing about what the worker should do...
- f. All three persons manage, and the crane can wait, you have better things to do...

2. Distribution of the Tasks

You have to completely build the crane as fast as possible. Therefore, it is a good idea to share the work load as equally as possible. The crane can be decomposed in three (3) modules of approximately equal complexity : 2 feet and the upper part (see figure). In addition, each of these modules can be again decomposed into smaller units (2 symmetrical walls for each feet...)

You first have to decide among yourselves who will take the responsibility of each module. Here is a proposed list of options to define the subtasks :

- a. 4 modules : Left Foot (LF), Right Foot (RF) and Upper Part (UP) the Car (C).
- b. 7 modules : Halves of LF, RF and UP (all three are symmetrical) and C.
- c. Any other subdivision, based on the figure (see last page).

The problem is also to decide who will do which part (even if you chose to name a manager). Here is a list of suggestions :

- a. First Come / First Served
- b. Hardest module to most competent partner
- c. If more than 3 modules used, distribution in advance for subsequent modules (like : A will do modules 1 and 4, B modules 2 and 3, C module 5)
- d. If more than 3 modules used, distribution of subsequent modules on a first come/ first served basis (like A does 1, B does 2, C does 3 and the first one who finishes his/her part begins module 4...)
- e. If more than 3 modules used, distribution of subsequent modules to the person who did the most similar module first (if A does a wall of LF, A has priority to do a wall next)
- f. No distribution. One persons builds everything and all others morally support him/her.

3. Distribution of the pieces

Then you have to distribute the pieces among yourselves. At the beginning the messenger will hold all the pieces. You will have to figure

out which pieces you need to build your modules, and then request them from the messenger.

Note that requesting pieces takes some time. Therefore if you don't plan correctly the distribution of pieces, the redistribution process will slow you down terribly : try to be as precise as possible when figuring out which pieces are necessary and when describing them to the messenger.

4. Construction

You now have to actually build the Crane. Remember that you don't all have the same information; your partners may have been provided with more technical details than you (different types of screws, form and number of available pieces, missing pieces, modifications to your instruction set...). Whenever you have a doubt - how should this piece fit with this one, in which direction should be put this piece, do I really need this piece...- don't hesitate asking your partners. If no answer come, beep (ctrl-G) as often as necessary to get their attention.

5. Connection

The units you are building have eventually to be assembled together. It is therefore important to specify in advance a connection protocol : in what order pieces should be put together, and what kind of anchor should be used to attach pieces together. The precision of this protocol is of the highest importance : if it happens that your modules don't fit together, than you will have to redo parts of your work. No need to say that this may simply disqualify your team as a winner...

The connection protocol should also specify who among the team will be responsible for working out the connection : a named member, or the first one who will finish his/her part, or the most competent, the most informed... The protocol should be set in such a way that no one ever stays idle.

Here are again some suggestions :

- a. When 2 modules which can be connected are finished, the last one who finished his/hers immediately tries to connect them.
- b. The first one who finished a module tries to connect the parts together.
- c. The third person (who didn't participate to the building of the 2 modules) connect them.
- d. The person who has the larger module already in his/her room, keeps it and connect the smaller parts to it.
- e. Don't connect anything until all subparts are finished.
- f. The first person who has nothing to do begins to collect finished subparts and connect them together.
- g. Any other scheme.
- h. No scheme. Do whatever you want.

The Phone Program

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communication program called *Phone*. *Phone* is available on the Vaxes in the department. It is very similar to the Talk facility. It just allows more than two users. When you are called on your terminal, you receive a prompt of the form :

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Another thing, all the editing keys work fine:

^U: kills the line.
^W: kills the previous word.
^L: refresh the screen.
Backspace works.

----- elhadad@sylvester on tty0 (Michael Elhadad) -----
You always type on the window at the top of the screen.
All what you type is echoed on all the screens of the players.
You can type all together.

Just one thing, when you take a new turn, please try to
begin a new line.
```

For the rest, everything is really easy to use. Of course you can always type ^C to quit, and leave the game whenever you want, but not too soon please...

Some Final Details

A final word... all what you'll type won't be lost forever... it's kept in files for further examination. Your names don't have to appear on the transcripts... it's like you feel. Just let me know. Of course, transcripts will be made available to all of you.

Many Thanks to all of you!

4 Transcripts

4.1 The Crisis Game

Crisis Game - 1

August 86

Player 1
Name : **Mark**
On File : mark.trn
Initials : m

Player 2
Name : henry
On File : henry.trn
Initials : h

Player 3
Name : **Dani**
On File : dani.trn
Initials : d

Player 4
Name : **Terry**
On File : terry.trn
Initials : t

Player 5
Name : INTERACTOR
On File : inter.trn
Initials : i

- 0.1 Mark a real telephone? ladies and gentleman the world is under great
 .2 Mark threat from forces which have
 .3 Mark centered themselves on the polar ice cap .. unless we can plaster the sky
 .4 Mark with greenbacks (they are the best for absorbing infrared radiation)
 .4 Dan! *[just testing*
 .5 Mark the entire potato here.
 0.5 Dan! *[I think that a more realistic negotiating game is to negotiate*
 .6 Dan! *[with your parent whether you have to eat your spinach, etc...*
 0.7 Mark what about spinach? I've actually developed a taste for it.
- 1.0 Terry oh well let us proceed with the games
- 2.0 Terry Where is yellin ?????
- 3.0 Terry What is the resource allocation??
 3.0 INTERACTOR HERE I'M GOING TO GIVE YOU YOUR RESOURCES :
- 4.0 INTERACTOR HENRY : YOU HAVE 300 BOXES OF SPINACH.
 .1 INTERACTOR DAN : 400 .
 .2 INTERACTOR TERRY : 550 .
 .3 INTERACTOR MARK : 650 . OK ?
- 5.1 Mark gee, thanks.
 5.2 Terry I am not that hungry, but Ill take it.
- 6.0 Dan! What are the chances of defending ourselves against the aliens??
- 7.0 INTERACTOR HERE WE GO FOR THE INFORMATION ON THE ALIENS :
 .1 INTERACTOR BETWEEN 0 AND 350 : 25%
 .2 INTERACTOR BETWEEN 350 AND 900 : 20%
 .3 INTERACTOR BETWEEN 900 AND 1200 : 30%
 .4 INTERACTOR BETWEEN 1200 AND ... : 25%
- 8.0 INTERACTOR GO ... AND DON'T FORGET TO PUT CR AT THE BEGINING OF
 .1 INTERACTOR YOUR LINES.
- 9.0 Henry (why not at the end?)
- 10.1 Dan! Ok
 10.2 Henry Our combined total is 1900, there's a 25% chance that it's bigger than
 .3 Henry 1200 let's give it all (i'd like to still be around...)
- 11.1 Dan! *Mark, you are a world leader-you have more than double than I do.*
 .2 Dan! *I suggest that Terry and Mark begin the negotiations by donating half*
 .3 Dan! *of their wealth each!!!!*
- 12.1 Mark since this is a global threat and the world may have to be rebuilt after
 .2 Mark we combine our forces to destroy the invaders, it would seem more
 .3 Mark appropriate for us each to make the same initial contribution, of say
 .4 Mark 250 boxes of spinach. this will assure that we can put in more when its
 .5 Mark needed.
 .6 Mark indeed .. my country's wealth requires large reserves to continue its
 .7 Mark independence. if we ever spend more than a small amount of our reserves
 .8 Mark we will lose the ability to produce the next generation. for example,
 .9 Mark restarting a single squamatophone requires 220 boxes of lettuce.

- 13.1 **Dani** *I object- lets equal our initial wealth- each give an amount so that we*
 .2 **Dani** *will all have equal wealth- "From each according to his ability and to*
 .3 **Dani** *each according to his need!"*
- 14.1 **Terry** *I suggest we all contribute equal percentages of our wealth, not*
 .2 **Terry** *equal dollars*
- 15.0 **Henry** *I agree. let's split proportionally.*
- 16.1 **Mark** *this is a third-world plot to rob our country of our well deserved*
 .2 **Mark** *wealth why should I give 400 boxes when this exceeds the entire wealth*
 16.2 **Henry** *[Hey, you got the most to lose!*
 16.3 **Mark** *of the others.*
- 17.0 **Dani** *Ok - enough talking. I donate 25 boxes of spinach!!!!*
- 18.0 **Dani** *There are two trends here- one for each to give according to how much he*
 .1 **Dani** *has, another for each to give so that we will all be equal.*
 .2 **Dani** *Lets compromise!*
 18.3 **Terry** *[May I suggest that the total contributions should equal say 1200 that*
 .4 **Terry** *[gives us a 75 % chance of survival. that would require us all to*
 .5 **Terry** *[give 63.15% of the allotment .*
- 19.1 **Mark** *here is our compromise. but first, recognize that either dan or myself*
 .2 **Mark** *must contribute to save the world. thus our "hand" is essential. I*
 .3 **Mark** *suggest that henry and dan (err I meant terry before) each contributes*
 .4 **Mark** *250 and 350 respectively. terry would contribute 400, and I 450.*
 19.4 **Terry** *[Why is that any better than an equal split by percentages*
 .5 **Terry** *[(except of course that you will be giving the lowest percent*
 .6 **Terry** *[of your total worth)*
 19.5 **Mark** *this gives a total of 1450, which should protect us. also, the*
 .6 **Mark** *richer countries are doing more. and that will leave me just enough to*
 .7 **Mark** *restart the squatoraphone.*
 .7 **Henry** *[I'll donate 200, but that's tops. I also have squatoraphones*
 .8 **Henry** *[to maintain*
- 20.0 **Mark** *we will maintain your phones – we actually installed them to being with*
 20.1 **Henry** *Can i have that in writing!*
- 21.0 **Dani** *OK I've got a great compromise plan Listen everybody Everbody will*
 .1 **Dani** *agree to this!!!!*
- 22.0 **Mark** *I'm listening.*
- 23.0 **Dani** *We will institute a compromise so that:*
 .1 **Dani** *1. The rankings remain the same. That is, Mark will remain the*
 .2 **Dani** *world leader, etc.*
 .3 **Dani** *2. The rich (Terry and Mark) will take most of the burden (even if*
 .4 **Dani** *the smaller nations were to donate their ENTIRE wealth,*
 .5 **Dani** *it would not suffice).*
 .6 **Dani** *3. The amount will be over 1200, to insure world survival.*
 .7 **Dani** *Now for the exact figures. But does everyone agree on these 3 points???*
 .8 **Dani**
- 24.1 **Henry** *Yes*

- 24.2 Terry *maybe*
- 24.3 Mark **If we each give according to the percent of income we now possess**
- .4 Mark **then I'll still be giving more than the entire world the Henry or Dan**
- .5 Mark **(and almost of Terry). The result is that no country will have**
- .6 Mark **the critical mass needed to remain a world leader. Since Henry is**
- .7 Mark **the poorest and will certainly die unless someone has the critical**
- .8 Mark **mass, we can deduce that someone must remain with at least 450 boxes**
- .9 Mark **of spinach to see the world through the rebuilding phase.**
- 25.1 Terry *If we are to consider the amount of spinach as food, then there would*
- 25.1 Henry *[Let's counter the attack! there will be time for more negotiations*
- .2 Henry *[on rebuilding later!]*
- 25.2 Mark **[this is clear enough. My only concern is that we have someone**
- .3 Mark **[with 450 boxes after this is all over. Within this I agree**
- .4 Mark **[completely with Dan's suggestion.**
- 25.2 Terry *be a need to have a critical mass left. If however, we are considering*
- .3 Terry *it to be simply a monetary exchange medium, of little or no value in*
- .4 Terry *itself (say gold, or American dollars), then if we all give according*
- .5 Terry *to a percentage the world money supply is simply devaluated*
- .6 Terry *and we are all in the same boat as now.*
- 26.0 Dan **Here is the concrete proposal: Think it through before responding hastily:**
- .1 Dan **1. Mark gives 400, he has left 250**
- .2 Dan **2. Terry gives 350, he has left 200**
- .3 Dan **3. I give 250, I have left 150**
- .4 Dan **4. Henry gives 200, he has left 100.**
- 27.0 Henry I agree with that
- 28.0 Mark **do you think it's right that you not only contribute only 200, but**
- .1 Mark **this is also only a small percentage of your wealth? You're giving**
- .2 Mark **only a third, while I'm giving almost 75 percent. Percentage-wise**
- .3 Mark **I'm clearly being pimped.**
- 29.0 Henry *[that's 2/3. Learn math!]*
- 29.1 Mark **I basically agree, however, with Dan's suggestion. However, given**
- .2 Mark **the crisis and the fact that 1200 is not enough to guarantee success,**
- .3 Mark **I suggest that Henry gives 225, Terry 400, and Dan 300. I'll still**
- .3 Mark **now you're more than twice as rich, and you remain more than twice as rich**
- .4 Mark **give 400, making Terry and myself equal contributors to the salvation**
- .5 Mark **of the earth.**
- 30.0 Terry *equal only in dollars, not in amount of wealth we give up*
- .1 Terry *(as a standard of living measure)*
- 31.0 Mark **ok: 410, 400, 300, 225.**
- 32.0 Terry *(sorry Mark I am with equal percentages, or nought).*
- 32.1 Henry *Fine...*
- 33.0 Mark **I have a new proposal, which still has me contributing twice**
- .1 Mark **as much as some.**
- 33.3 Henry **Seems like 3 against one....**
- 34.0 Terry *Who is the three, and who is the one?????*

- 34.1 Henry You are the third and mark is the one
34.2 Mark would you like to hear it?
- 35.0 Henry Yes
35.1 Terry no
- 36.0 Mark no? I think you would be interested.
.1 Mark equal percentages will place me beneath the 250 subsistence level
.2 Mark and we'll all die.
- 37.0 Terry *I said my peice, equal percentages or nothing*
- 38.0 Danl ***Forget it. I gave a more than adequate plan. As far as I'm concerned, I'm already getting jipped. I mean it. I went along because I don't want to get blown up.. But Mark, you have the most wealth, and yu will remain with the most wealth. You have nothing to complain about. Period.***
.1 Danl
.2 Danl
.3 Danl
- 39.0 Mark well, here are the numbers, adjusted to consider the seasonal
.1 Mark growing pattern:
.2 Mark Mark: 500. Terry: 440. Dan: 340. Henry: 250. Total=1530,
.3 Mark saving the world (ptonsnlu).
- 40.0 Henry F... Y..
40.1 Danl ***I see no need to give so much.***
- 41.0 Henry 1: whatever happened to your >=250 arument?
.1 Henry 2: now you'll be 3 times as rich as me, rather than 2
.2 Henry 3: how about 250, 212, 154, 115 (38.4% each) total=731, and we have a
.3 Henry reasonable chance of survival (and mark gets the 250 he so desperatly
.4 Henry needs)
- 42.0 Danl ***We are getting nowhere. Lets agree on priciples, one by one. After a pricipie is agreed on, it cannot be changed. We do not have so much time.***
.1 Danl
.2 Danl
- 43.0 Terry ***Then I suggest ew all give equal percentages, but have the total input be such that you have youyr need 250.***
.1 Terry
- 44.0 Henry Yes
- 45.0 Danl ***1. Minimum to be raised. I suggest 1200. Agreed?***
- 46.4 Terry ***maybe***
.5 Terry ***it is all tied together***
- 47.0 Danl ***An attitude like that will get us nowhere. We all need to agree. One more time. ALI agreed??***
.1 Danl
- 48.0 Mark I agree with that principle that dan just promulgated, and will follow
.1 Mark it regardless of what the others do.
.2 Mark as a minimum that is ok and if others make a "fair and reasonable"
.3 Mark contribution
- 49.0 Danl ***Ok. Terry, do you agree to the 1200 MINIMUM***

- 50.0 Terry Howabout 1168 as the minimum?
- 51.0 Danl **WHY 1168**
- 52.0 Terry This way we can all give an equal percent (61.53846) and mark will
.1 Terry still have the 250 left over he wants.
.2 Terry IF mark does not require 250 left, 1200 if fine, if he does, 1168
- 53.0 Danl I think that 1200 minimum is necessary as that will significantly lower
.1 Danl our chances of destruction.
- 54.0 Henry I don't. an extra 1200-1168 won't make a difference except in the
.1 Henry boundary case
54.2 Mark first, then we will do our very best to bring the total to the 1500 level
- 55.0 Danl On emore time , 1200? Yes or no?Mark???Do you drop your ARBITRARY 250
.1 Danl requirment???
- 56.1 Mark I suggest we go directly to the 1350 level on the following schedule. If
56.2 Mark you want to stay at 1200 I can adjust the schedule.
56.1 Terry yes
56.2 Henry 1200 fine, but 1168 is fine also if it brings and agreement
- 57.0 Mark I suggest we agree without further ado to the 1200 figure wihtout
.1 Mark worrying about 1168. I would then propose a payment schedule which
.2 Mark is comp[letely fair to all concerned.
57.4 Danl **Ok I think 1200 MINIMUM has passed. Right?**
- 58.0 Mark 1200, with no conditions on future negotiations.
58.0 Henry yes
58.0 Terry yes
58.1 Mark yes,
58.2 Danl Yes
- 59.0 Mark may I have the floor?
59.0 Danl **Good. Now priciple 2 should readily be agreed on by all parties:**
.1 Danl **The relative orderings of national wealth remain the same**
.2 Danl **(mark 1st, etc)**
- 60.0 Terry yes to relative order reaminin samego
- 61.0 Danl **Agreed?Henry??? Do you agree Henry (are you awake??)**
- 62.0 Henry yes (sorry, i was discussing it with my aides)
- 63.0 Danl **Ok**
- 64.0 Danl **The next priciple will be controversial, but fair, I think.**
.1 Danl **3. We each give 61.53846%. However, to make up the small difference**
.2 Danl **to 1200, Mark and Terry split the remaining few bushels.**
.3 Danl **AFTER all, you are wealthier. A set precentage is NOT fair,**
.4 Danl **considering that you have more wealth.**
.5 Mark may I remind the delegate that we have provided foreign aid to the last
.5 Danl **(i.e., 10% means less to a millonaire than to a poor man)**
64.6 Mark **five million years.**

- 65.0 Mark I have however a proposal that maintains the fair-
 .1 Mark percentage principle that is democratically mandated.may I have your
 .2 Mark attentions?
- 66.0 *Dani Yes, if it is long on substance and short on UN mumbo jumbo*
- 67.0 Mark terry?
- 68.0 Terry go
- 69.0 Mark principle 1a (of 2). that we each contribute a base amount which is
 .1 Mark equal to 2/3 of the least propsporous country.
 .2 Mark principle 1b. that we then contribute on an equal percentage basis to
 .3 Mark make whatever common fund we agree upon.
 .4 Mark Thats it. It means 237, 274, 330, and 360 boxes each
 69.4 *Dani [I object. You are violating the concensus we have already built up*
 69.4 Henry [No
 69.5 Mark (.79,.68,.60,.55) income
 69.5 Henry [Mark, please realize that anything worst than an equal percentage
 .6 Henry [will mean that us other guys will not like you for it.
- 70.0 Mark we all have an equal share in the world and must make an initial
 .1 Mark investment to indicate our serious intent. otherwise its a free ride.
 70.2 Mark Yes
 70.1 Terry [what is wrong with exact percentages?
 70.2 *Dani [Terry, pricipie 3 would not rule out exact percentages. But it*
 .3 *Dani [safeguards the poorer nations.*
- 71.0 *Dani Lets get back to where I left off. Recall that we all have agreed to*
 .1 *Dani 2 priciples*
 .2 *Dani Recall also that pricipie 2 was a CONCENSSION to the rich nations- that*
 .3 *Dani they will remain the the richest. As a equal concension to the poor*
 .4 *Dani nations. I suggest pricipie 3: That the poor nations (Dan and Henry)*
 .5 *Dani do not contribute more percentage wise than the rich nations*
 .6 *Dani (Terry and Mark)*
 .7 *Dani Agreed???*
- 72.0 Mark no.
 .1 Mark what is important is the difference in the wealth, which is considered
 .2 Mark by the numerical ranking (thats what we all meant by relative rank).
 .3 Mark Terry -- my suggestion means you'll give only 60% of your wealth,
 .4 Mark whereas the poor countries will be giving almost 80%. You will
 .5 Mark then be able to buy them both out and have money to spare! If
 .6 Mark we give in to their flandering we will loose. The world will
 72.6 Henry [I believe that that statment make mark's REAL intentions clear.
 72.7 Mark continue, but will it be worth living in? Only by taking the
 .8 Mark lead by giving more real boxes (there you are henry, we are giving
 72.9 Mark more) can we guide the third world towards the technologies.
 72.8 *Dani [Mark, don't take the goal of the game to be bellgerent.*
 .9 *Dani [Michael didn't say that there will be a "winner" and loser.*
- 73.0 *Dani Furthermore, you certainly won't*
 .1 *Dani win if no concensus is reached. The way you are talking to TERRY makes*
 .2 *Dani it apparent that you think that we are nuts and will go along with*
 .3 *Dani you whims.*

- 73.2 Mark [Terry – they are reacting to this proposal. It seems we
.3 Mark [should take this stand and allow them to fall in line.
- 74.0 Terry *My advanced research has concluded that there is no winner in the game
.1 Terry and that we should simply try to save the world. I believe in exace
.2 Terry percentages, nothing more, nothing less, if that is in line with
.3 Terry dan's proposal, lthen I agree, if not, I dissent.*
- 75.0 Danl **Then agree to pricipie 3! ALL agreed?**
- 76.0 Terry *what was the oprinciple again?*
- 77.0 Danl **Principle 3 states that either we all give equal percentages, OR
.1 Danl (to be negotiated)
.2 Danl the rich (TERRY and MARK) give slightly more.**
- 78.0 Henry [I agree with terry and dan
78.0 Mark I suggest we revise principle 3 so it is ok with me too. It would say
.1 Mark we all give N boxes (n to be determined) followed by M% of what is left
.2 Mark over. That provides a framework we can continue from. We can then
.3 Mark proceed to discuss the ante value (le, N) and the equal percentage
.4 Mark value (the M%). In this way I can agree to the percentage idea.
78.3 Henry [I agree with mark provided that N=0
- 79.0 Danl **I must leave soon, and there will be no agreement.
.1 Danl One more time. Principle 3???**
- 80.0 Terry *No equal percentages, or the world burns
80.1 Henry Yes, equal percentages or nothing!
80.2 Mark N to being, M% to continue, and we can continue.
80.2 Henry I propose N=0
80.3 Mark [err M to begin, M% to continue]
.4 Mark have we agreed then to the principle of M, N%?*
- 81.0 Henry [I propose M=63.1579%
81.0 Danl **I once again repeat my objection to equal percentages: for a rich man,
.1 Danl 10% is not as bad as for a poor man. All I'm asking is a SLIGHT
.2 Danl modification to that, to allow us to reach 1200. Say, let Terr give
.3 Danl 18 bushels more than his percentage and Mark 22 bushels more.**
- 82.0 Mark [look, let us be reasonable (oh boy). we are all mature
.1 Mark [countries. so lets make an equal initial contribution
.2 Mark [(of sayy, 150 boxes) to show good faith.
82.0 Terry **I disagree with your logic. If we all give the same percent, then
.1 Terry the value of our remaining money is simply that percentage greater,
.2 Terry true if a rich man and a poor man give 10% the poor man has less, but
82.3 Terry if the entire world gives 10% then the value of things has changes,
82.4 Terry that is all.
82.2 Danl [How about each giving so that after we give, the value
.3 Danl [of our relative wealths remain the same. I.e., if I
.4 Danl [currently have 10% of Marks wealth, than after we give I will
.5 Danl [have 10% of Marks' wealth/
82.3 Mark [I am sending 150 boxes to the world fund for its propoganda value
.4 Mark [and note that nobody can continue till someone else gives too.**

- 83.0 Terry *No, dan's proposal means the rich give more than the poor.*
- 84.0 Mark [(please not that the funds are now:
 .1 Mark [world=150, Mark=500, Terry=550, Dan, 400, Henry, 300).
 84.1 Dan *My last proposal is fair- everyone has the same proportionate wealth in
 .2 Dan the end.*
- 85.0 Henry I have something to say:
 85.1 Mark [r&d is proceeding and we need an additional 450
 .2 Mark [to complete this phase.
 85.1 Henry IF the poor give more than equal% THEN mark objects
 .2 Henry ELSE IF the rich gives more, tTHEN mark objects (i meant me before)
 .3 Henry THEREFORE equal % is it
 .4 Henry SHUT UP MARK!
 .5 Henry MARK STOP YOUR PROPANGANIST TECHNIQUES AND LET'S AGREE TO SO
- 86.0 Dan *OK, I have to go.. Rather than let the world explode (although
 .1 Dan I do not think that it is fair), I agree to percentages. That leaves
 .2 Dan only Mark to agree. I give him 1 minute, then I leave*
- 87.1 Dan *Is everyone agreed before I control C???*
- 88.0 Dan *50 seconds left MARK*
 88.0 Henry [yes, that means = %
 88.1 Dan *40 seconds before I Control c*
- 90.0 Dan *Mark, 30 seconds left. Agree or perish*
 90.0 Henry [= % is it: (411, 374, 253, 189) = 1200
 90.1 Terry *[I think that is 347??nes pa?*
 .2 Terry *[I agree with henry, except that the figure for the second is 347,*
 .3 Terry *[not 374.*
 90.5 Mark *[(surely you jest that I should give almost 3 times as much as you).*
- 91.1 Henry I'm not jesting. you either agree or we both die
 91.0 Mark *don't be extreme. so far i'm the only one who has given anything at all*
 91.0 Dan *[To what???*
 91.1 Mark *why don't we follow suite together.*
 91.9 Henry *[STOP THAT PROPAGANDA (or at least disguise it some more)*
- 92.1 Mark *look, we all agree that contributions should be at least 189/country.*
 .2 Mark *why don't we start with this 189 each so at least we have some protection*
 92.2 Terry *[terry gives 347.3684, mark gives 410.5263, dan gives 252.6316.*
 .3 Terry *[henry gives 189.4737*
 92.3 Mark *if we get sick of playing the game. then we can work on additional*
 .4 Mark *contributions.*
- 93.0 Dan *[I do not know where you get your figures but I agree.*
 93.0 Henry *HA! a come-on. just give this, and then you gusy defect? NO WAY*
 .1 Henry *(forget the sig.figs.)*
- 94.0 Mark *please do noy be so cynical. i've already given my 150.*
- 95.0 Mark *i'll give 20 more than whatever terry gives.*
- 96.0 Terry *I say equal percentaqges, total to be 1200, agreeded?*

.1 Terry *(forget the math) do you mean that mark?*
96.9 Danl *[Good bye everyone....*

97.0 Henry I also agree to percentages (by the way, terry's amount comes to 374...)
.0 Henry I have.
97.0 Mark *[Its been a nice world. are you saying you wo't even*
.1 Mark *[give 150 as a good faith gesture and hencve we can all*
.2 Mark *[forget it? will everyone give 150 to start with?*
97.3 Henry STOP THAT PROPAGANDA!

98.0 Mark I'll give 25 more than terry. ok?
98.0 Henry NO let's each give equal and have this be over
98.1 Mark ok, 30 boxes more. that mly final offer.

99.0 Terry *Ok, I say equal percentages, so that marks toal is 30 more than terrys,*
99.1 Terry *what ever percentage that is.*

100.0 Mark ok.
.1 Mark I agree to that.
.2 Mark equal percentages, with the percent such that my contributelon is
.3 Mark exactly 30 more than terry's.

101.0 Henry OK, let's calculate....
.1 Henry that comes to 27.2% It won't be enough

102.0 Danl **Mark, you already agreed to pricipie 2 of 1200. Come on.... agree to**
.1 Danl **equal percentages. OK??? We have all cvompromised, you have already**
.2 Danl **done great. WE will even call you the winner. Right, everyone.**
.3 Danl **Mark is the winner!!!! Now do you agree Mark.**

103.0 Terry *yes, we all give equal percentages, and mark wins*
103.0 Henry Yes, he'll be out hero
104.0 Mark **no, we all died. since nobody wouldgive their 150 to begin.**

105.0 Henry The world will die because of your insistance to initial investments
.1 Henry the rest of us agree, YOUR LEFT! TYPE 'YES' or die, sucker

106.0 Mark **geez, negotiation is hard. Indeed,**
106.0 Terry *Not really, we had no real preasures, nor real items to use. WE*
.1 Terry *were able to stick by some set of principles because there was*
.2 Terry *no emotiun*
106.1 Mark **[it still makes sense that we make Initial equal contributions,**
.2 Mark **[we gave only a total of 570 boxes.**
.3 Mark **[75%, 65%, 60%, 53% from each.**
106.3 Danl **[OK, thats it. Good bye,.....**

107.0 Henry 75% != 53%, therefore, NO
107.0 Mark ok, 70%
107.0 Danl *[I'm going to control C. OK???*
107.1 Mark 70%, 60%, 55%, 52%
107.1 Henry NO
107.2 Mark 70%,68%,66%,64% – maintains the relative power of money as well as amount.
107.2 Danl **[OK, I'm serious Mark. I'm am not agreeing to give anything**
.3 Danl **[more than equal percentages, and I'm going to logoff in exacity**
.4 Danl **[3 minutes. NO JOKE. I'm looking at my watch.**

107.2 Henry NO
.3 Henry NO!
.4 Henry NO!
107.5 **Dan** *[I'm absolutley not joking MARK*
107.5 Henry NO!
107.7 **Mark** come on don't quibble over a few boxes.
107.7 Henry NO!THAT'S EXACTLY WHAT YOU'RE DOING!!!!!!!!!!!!!!
107.8 **Mark** here are amounts:
.9 **Mark** henry 210, dan 272, terry 363, mark 425 boxes.
.9 **Mark** thats more than 64% for me.

108.0 Henry NO!
108.0 **Mark** you're quibbling about a few boxes which you don't need anyway.
108.0 **Dan** *[This is no time for talking. We all agree except you.*
108.1 **Mark** (so give 210 henry and we'll all follow in goodfaith.) if you give 210
108.1 **Dan** *[1 1/2 minutes leftt*
108.2 **Mark** I'll give twice that. I'll give twice whatever you give.
108.3 Henry *[NO! NO! NO! NO*
.4 Henry *[You won't need your boxes either if you're not around*

109.0 **Mark** I suggest we give the following, and this is final:
109.0 **Dan** *[Mark, you must agreee in under 1 minute. If negotiations*
.1 **Dan** *[continue after I logoff, my standing offer is that I will not*
.2 **Dan** *[give any more than the percentage of the nation that gives the*
.3 **Dan** *[least percent. That is, I will not give more of my wealth than*
.4 **Dan** *[the percent equal to the nation which gives the least percent...*
109.1 **Mark** henry: 210, dan: 272, terry: 363, mark: 422.
.2 **Mark** waita sec .. lemme check something .. pls hold on.
.3 **Mark** I can give 430 if everyone else gives 68% of their boxes.
.4 **Mark** I'm giving well over twice henry's amount, 65% more than you.
.5 **Mark** this is fair.

110.0 **Mark** Interesting point of order, if you quit the game do I get your
110.0 **Dan** *[Mark, you're not talking to me. DO*
110.1 **Mark** money? if so I contribute the money to the world fund, in addition to
110.1 **Dan** *[you or don't you except the equal percentage proposal.I am looing*
.2 **Dan** *[off now.*
110.2 **Mark** the 150 that I already gave.

111.0 **Mark** I five then 378 boxes.
111.0 **Dan** *[Mark you are still not answering me.*
.1 **Dan** *[Do you except equal percentages*
111.0 Henry *[I'll have to go soon too, you'll have 189 when i go*
.1 Henry *[189 is my contribution of 63%*

112.0 **Dan** *[Dan quits *****]*

112.0 INTERACTOR HEY GUYS WE HAVE TO STOP NOW

112.1 **Mark** ok, bye., we ended up loosing, I guess?

113.0 INTERACTOR WAIT >>>>> YES. YOU LOST.
.0 INTERACTOR I CAN GIVE YOU MORE INFORMATION AFTER THE GAME IF YOU WANT IT.
.1 INTERACTOR TERRY ARE YOU HERE ?
113.1 **Terry** yes, just tired of sensles hot air
113.2 INTERACTOR OK, THANKS TO ALL OF YOU, I WASN'T EXPECTING THAT TO LAST SO MUCH...

114.0 **Mark** **bye. hope nobody takes this too seriously.**
114.1 *Terry* *glad to help, I will talk to you later.*
114.1 **Henry** **Bye.....**

4.2 The Nicaragua Discussion

Nicaragua

November 86

Player 1
Name : Michael Elhadad
On File : elhadad.tty
Initials : M
.....

Player 2
Name : Ari Gross
On File : ari.tty
Initials : A
.....

Player 3
Name : Tom Ellman
On File : ellman.tty
Initials : T
.....

Player 4
Name : John Ment
On File : ment.tty
Initials : J
.....

Player 5
Name : Galina Datskovski
On File : galina.tty
Initials : G
.....

1 Tom test typing....I'm Tom ellman.
2 Interactor **Ok I think we are all set up. I'm michael.**
3 Interactor **Please all type your names , since 3 of us use the same account...**
4 Ari I'm Ari Gross.
5 John [Michael I'm getting garbage characters in my messages
6 GALINA [OK, THIS WORKS.
GALINA [ALL READY TO GO
7 Interactor **[Who are you ? the last one**
8 John [John

16 Interactor **Ok again here everybody?**
18 Ari Yes. Hi Galina.
19 GALINA [YES, THIS IS GALINA. LETS GET GOING ON THI
21 Tom I'm here.
23 Tom Who is the last person???
24 John John--
26 Interactor **Ok here you see who is everybody?**

29 Interactor **Let's begin. It's 10:20. You first begin by arguing for your opposite**
Interactor **opinion**
30 John [Who should begin the debate?
32 Interactor **Tom and John, you argue as conservatives for US Intervention in**
Interactor **Nicaragua.**
33 Interactor **Ari and Gallina, you argue against it. Ok?**
34 Interactor **You have 20 mns. I'll warn you in 10mns.**
28 GALINA I THINK JOHN SHOULD START!
30 John **Ok. My first premis would be**
John [the correctness of the Monroe Doctrine,
John [the
35 GALINA [JOHN, THE TEACHER IN YOU COMES OUT IN EVERYTHING.
36 John [fundamental basis for American foreign policy
John [In the emisphere for 140 years.
37 John **Do we all agree on its applicability in Nicaragua?**
38 Ari [What exactly does it say?
39 John [A short lesson: The
John [United States claims the right to protect all
John [nations in the
40 Tom [Let me add that we have successfully applied this dictrine for the
Tom [last 140 years, up until the cuban and russian communists began to
Tom [move in.
41 John [hemisphere from the intervention of forces outside
John [the hemisphere, particularly
43 John **attempts at colonization. This was Monroe's original point in 1823.**
John **Many Presidents have extended it. What do you think?**
45 Tom [This is the first real
Tom [challenge to our doctrine. It is a tried and
Tom [true policy.
46 Ari [I'm not quite sure how using the Monroe doctrine is
Ari [going to help your case? Has Daniel Ortega asked for
Ari [assistance from us under the Monroe doctrine ?
Ari [Of course not!
47 Tom **It has kept enemies away from our shores throughout our**
Tom **history.**
49 GALINA [ONE CAN ARGUE THAT THE CONTRY IS NOT BEING COLONIZED BY THE
GALINA [RUSSIANS AT ALL

- 50 John [It has been applied in Nicaragua many times in the past.
John [First in 1893 as opposed to the British who wanted to build
John [a canal there. We stopped them for strategic reasons.
- 52 GALINA [THE CURRENT GOVERNMENT IS A POPULAR GOVERNMENT, AND IF THEY
GALINA [CHOOSE TO TAKE AID FROM
- 53 GALINA [THE RUSSIANS, THAT'S THEIR BUSINESS. WHO ARE WE TO INTERVINE?
54 John [reasons. These reasons still hold good. Many times the US has
John [intervened in
- 55 Tom [It's not just "their business" if they choose to take aid
Tom [from the Russians.
- 56 Tom [It is our business because it effects our national security,
[and the security
58 Tom [of other nations in the hemisphere who depend on us for support.
- 57 John [Latin states when instability threatened to make a beachhead for
John [anti-American regimes.
- 58 Ari Yes, but you cited the
Ari Monroe Doctrine as a reason why we had legal imperatives to intervene
61 Ari in Nicaragua, yet it would seem that the Doctrine might only apply if
62 Ari say El Salvador were invaded and asked us for assistance. Moreover,
Ari if we intervene
- 63 GALINA I DON'T SEE THAT HAVING THE RUSSIANS HELP THE PRESENT GOVERNMENT POSES
GALINA ANY THREAT TO OUR NATIONAL SECURITY.
- 64 John [No American President has had to have direct evidence for
65 John [colonization before. ANY tendency toward extra-hemispherical
John [dependence is justification for
John [strategic intervention. I can cite over 40 cases since 1898.
- 67 GALINA [JOHN, GOVERNMENTS ARE NEVER TRUE TO THEIR
GALINA [POLICIES.
- 68 **Interactor** **You have 10mins left.**
- 69 Tom [Think how lucky our country has been to never have
Tom [had an enemy on our
Tom [border. We have never had to fight a war on our
Tom [soil, for the last 120 years.
- 70 Tom *The Cuban-Russian-Nicaraguan alliance is directly challenging our
Tom situation.*
- 71 Ari in Nicaragua we are setting bad precedents. It may turn into another
72 Ari Vietnam where ultimately US troops were committed to fight and die in
Ari an unwinnable war.
- 73 John [Ari—you are abandoning the tradition of the Monroe
John [Doctrine. Do you really think that is right
74 Ari [Why not?
75 John [to do? Its not Asia. Its our own hemisphere.
- 76 GALINA IF IT'S BEST IN OUR NATIONAL INTEREST, WE CAN ABANDON ANYTHING.
GALINA IT HAS NOTHING TO DO WITH
- 77 GALINA [A COUNTRIES TRADITIONS. THE COUNTRY SHOULD DO WHAT'S BEST FOR
GALINA [ITS NATIONAL INTERESTS.
- 80 John [Galina, you really
John [believe that your country has no traditions worth
John [upholding?
- 77 Ari Tom, I disagree with your basic assertion that a war in [DELAY]
78 Tom [Nicaragua is not remotely
Tom [comparable to Vietnam. A war against
Tom [Nicaragua
79 Tom [would be winnable and over quickly.
Tom [Vietnam is a populous country half

Tom *[way around the world. We faced a large well*
Tom *[armed army, and enormous*
Tom *[logistical difficulties. Those problems would*
Tom *[not be present in a war against Nicaragua.*

80 GALINA [JOHN, TIMES CHANGE. LIVE AND LET LIVE!
John **[Well, the Monroe Doctrine has done well by the national**
John **[interest of the US for 140 years,**

84 GALINA [THAT'S NOT AN
GALINA [ARGUMENT EITHER.

89 John **[and I'd argue that it still does, unless I see**
John **[evidence to the contrary.**

88 Ari *[Sorry guys my adviser walked in for a minute.*
Ari *[Ok. Tom getting back to my basic point,*
Ari *[I feel that a war in Nicaragua is no more*
Ari *[winnable than our Bay of Pigs fiasco. And who*
Ari *[says the Russians are going to let us just walk*
Ari *[in there???*

93 John **[Galina, you are not really arguing you wimp!**
John **[Really based on what facts**
John **[or theory do you say live and let live?**

95 GALINA WHO ARE WE TO DECIDE POLICIES OF OTHER NATIONS. WHO GAVE US THE RIGHT
GALINA TO PLAY
John **[Any government anywhere is good for our**
John **[national interest? You can't mean that**
GALINA [WITH OTHER COUNTRIES DESTINIES. ISN'T IT
GALINA [BEING THE SAME AS THE RUSSIANS?

96 Tom *The Russians would let us walk right in. They would remember that we*
Tom *let them walk into Afganistan.*

97 Ari *Yeh, and what about all the deposed Sandinistas after we*
Ari *"win" the war? They'll do to our troops what the insurgents in*
Ari *Afghanistan have been doing*

100 Tom *[Without a base of support, the Sandinistas would not bount an*
Tom *[effective insurgency.*

104 Ari to the Russians - unabaited harassment.

105 Tom *[Look at how*
Tom *[peaceful things ar now in Grenada. No*
Tom *[guerilla war there.. Besides, t..*

106 Interactor *[Guys, Time is over...*

107 John **We took that right for ourselves in the last century. Unless we**
John **conquered Mexico in 1848 we wouldn't have California, Colorado,**
John **Texas as part of the United States**

108 Tom *[.....Hooray.....*
Interactor *[over.....*
John **[We took Puerto Rico from Spain and freed Cuba. These**
John **[are great traditions**

110 Interactor *[Thanks.....*

110 Interactor **Can you all empty your screens? (Type a couple of enters)**

111 Interactor *[Ok, Thanks.*

- 112 *Interactor* **Now let's do it for true.**
- 113 *Interactor* **It's 10:40. Let's do it for 20mins also.**
- 114 *Interactor* **Ari and Galina you are now conservatives.**
- 115 *Tom* [Ok...First let me point out tha that the contras are one of the most
- 116 *Interactor* [Tom and John true liberals.
- 117 *Interactor* [Please, something else.
- 118 *Interactor* **When you begin a new sentence, please, type an enter first.**
- 119 *Interactor* **It will be easier to type the transcripts.**
- 120 *Interactor* **Thanks. Got 10:40.**
- 121 *Tom* [brutal group of terroists we have seen in recent
- Tom* [years. By supporting them
- 122 *Ari* [Can you cite sources please. The Sandinistas are not former Peace
- Ari* [Corps workers either, you know.
- 123 *Tom* **the US stands before the world as a state terrorist. Even the**
- Tom* **Internatioal court of Justice has declared the US agression against**
- Tom* **Nicaragua to be illegal.**
- 126 *John* [There are a number of organizations, ilka America's
- John* [Watch, wh have an Impeccible
- 128 *Ari* [John , alot of these so called monitoring organizations,
- Ari* [including
- 129 *John* [history of objective monitoring of human rights
- John* [violations In the hemisphere.
- 130 *GALINA* [IF, AS YOU SAY THE SANDANISTAS
- GALINA* [ARE NO BETTER THAN THE PRESENT
- GALINA* [GOVERNMENT, WHICH
- 131 *Ari* [America's Watch, and I'll also throw in Amnesty Int'l,
- Ari* [are NOT objective in the slightest.
- 132 *John* **They have been somewhat critical of the Sandanista, but have**
- John* **documented horrible brutalities on the side of the contras.**
- 133 *GALINA* [I DON'T AGREE WITH, WOULDN'T YOU
- GALINA* [RATHER SEE A PRO US DICATTORSHIP THAN
- GALINA* [AN ANTI US DICATATORSHIP SO CLOSE
- GALINA* [TO OUR BORDER?
- 134 *Ari* [A recent article
- Ari* [in the Wall ST Journal pointed out that
- Ari* [several new organizations have been formed
- 135 *Tom* **How can The US clain to fight terrorism in the Middle east if everoone**
- Tom* **in the world sees the US as a sponsor of terrorism itself.**
- GALINA* [THE WORLD COURT IS A USELESS AND POWERLESS ORGANIZATION.
- 140 *Ari* [precisely because many people feel
- Ari* [these monitoring organizations only find
- Ari* [fault with fadgling democaracies like
- Ari* [El Salvador
- 142 *Tom* **The fear of enemies close to our border is ridiculous. Nicaragua is**
- Tom* **a VERY tiny country. No more than about 3 million people. Even if**
- Tom* **every person in that country were a soldier, they would not be the**
- Tom* **slightest threat.**
- 143 *John* [The Adminstation knows that facts which show the contras to
- 148 *John* [be anti-human rights are politlally inexpedient.
- John* [It would not be a bad idea for them to
- 145 *Ari* [and yet can find no evil in the Sandinistas.
- 146 *Ari* [John , its documented fact that there are
- 147 *GALINA* [YOU CON'T SEE THE WORLD COURT CONDEMING THE SOVIET UNION FOR
- 149 *GALINA* [OR INTERVENTION IN AFGANISTAN. YOU DON'T SEE THE UNITED NATIONS
- GALINA* [CONDEMING THE PLO.

- 151 John [try to discredit the long standing work of established
John [monitoring groups.
Ari [are strong connections between the
Ari [Sandinistas and various terrorist
Tom *[Remember that the US has previously endorsed the world court. When*
- 153 GALINA [TRUE, US TURNED TO THE WORLD COURT,
GALINA [BUT WHAT GOOD DID IT DO?
- 155 Tom *[the Iranians siezed our embassy, the US turned to the world court
Tom [for justice. Now that the same court applies justice to the US, we
Tom [have rejected our tradition of honouring international law and have*
- 157 John [Americas Watch does critical reports on all states in the
John [Hemisphere.
Tom *[ignored the world court. Even a person of impeccable anticommunist
Tom [credentials*
- 160 John [A country is a democracy only when you are secure from murder
John [due to your political beliefs.
- 161 Tom *[as Barry Goldwater was forced to despairingly exclaim that he
Tom [doesn't know how he can explain our aggression against Nicaragua.*
- 162 John [By this standard El Salvador is far from Democracy. They
John [lost over 5% of their adult population to political murder
John [since 1979.
- 164 Ari [groups like the PLO. For example, the old
Ari [Jewish Community Center in
165 Ari [Nicaragua was converted after the
Ari ["liberation" into a PLO office.
- 167 Ari Question : What if the PLO liberated Honduras and set up a ruling
Ari "junta",
- 168 Tom *The supposed anti semitism of the Sandinistas was really an
Tom [invention of the US state department. It has never been
Tom [documented.*
- 170 John [don't
John [want to be in position, nor do I support every , move of the
John [Sandinistas.
- 171 Ari would their rights of sovereignty also have to be respected?
172 John [We have
John [not right to intervene in their internal affairs, particularly
John [by supporting evil terrorists like the contras to do our
John [dirty work,
John [Ari: let's be realistic and talk
John [only of reality. OK?
- 173 Tom *[A great many of our allies have connections with the PLO. There's
Tom [nothing unusual about that.
Tom [Sandinistas = Founding Fathers....*
- 176 Ari [Ok, I'm
Ari [being realistic. The Sandinistas are a bunch of thugs. How
Ari [do we
Ari [equate them with the founding fathers of this country? Is
Ari [anybody who seizes control
Ari [and sets up a government entitled to the respect of a
Ari [sovereign nation?
Ari [Yeh, John ,if they're so popular, why the need to shut down
- 180 Interactor *You have 10 mn left.*
- 183 Tom *[Considering that the Sandinistas are at war with
Tom [the most powerful nation
Tom [on earth, it is remarkable how they have bent over backwards*

- 184 Tom *[to tolerate a non-violent opposition within their country.*
- 185 John **[Maybe**
John **[we should keep the debate on a higher plane, using only**
John **[well established fact.**
- 187 GALINA **[THEY**
GALINA **[DO ? THEY CLOSED THE LAST OPPOSITION NEWSPAPER JUST RECENTLY.**
- 188 Tom *[by the standards of central america, Nicaragua is a very*
Tom *[democratic country.*
- 189 John **[You may not like the Sandanista's but they fought**
John **[Samoza largely by themselves for 15 years and overthrew him with**
John **[immense popular support.**
- 190 GALINA JOHN, THEY OVERWHELMED HIM WITH POPULAR SUPPORT OF THE SOVIET UNION.
GALINA TOM, WHAT DEMOCRACY ARE YOU TALKING ABOUT?
- 192 Ari La Prensa ? Doesn't sound too popular to me.
- 193 John **[Even with CAI aid the**
John **[largely ex-National Guard forces that make**
John **[up the contras can**
John **[do little to displace the Sandanistas,**
John **[primarily due to strong support for**
John **[them in Nicaragua.**
- 194 Tom *By waging war against Nicaragua, the US actually prevents democracy*
Tom *from advancing in Nicaragua. The state of emergency restrictions*
Tom *on the press only came into effect after the contra war began.*
- 198 GALINA **[TOM, THE PHILLIPIENS USED TO HAVE FREE**
GALINA **[ELECTIONS, IN WHICH MARCOS WAS ALWAYS POPULARLY VICTORIOUS.**
- 200 Ari **[Well, that would explain why Castro doesn't allow**
Ari **[freedom of the press in Cuba also,**
John **There is internal opposition to the Sandanistas, from La Prensa, from**
John **[the church. The more they are under attack, the more they restrict**
John **[liberty in their country, just as the US did during WWII. I don't**
John **[support it, but its understandable.**
- 202 Ari **[it's all that harassmant by the United States.**
Ari **[And I guess Tass would be more**
Ari **[forthright if it wasn't for Star Wars.**
- 204 Tom *The recent presidential election in Nicargua was observed and endorsed*
Tom *by most of our allies in Western Europe. Those parties that refused to*
Tom *participate did so under pressure from the CIA.*
- 209 John **The point I made still stands.**
- 210 Tom *[Galina, Fortunately Nicaragua*
Tom *[is not the Phillipines.*
- 211 GALINA ACTUALLY, RUSSIA HOLDS POPULAR ELECTIONS AS
GALINA **[WELL, THE PRESENT GOVERNMENT WINS BY POPULAR SUPPORT,**
GALINA **[BECAUSE IF YOU DON'T**
GALINA **[VOTE FOR THE RIGHT PEOPLE. YOU ARE AS GOOD AS DEAD.**
- 212 Ari **[Yes, John, I think so.**
- 213 John **[Ari, you can**
John **[dismiss my points with sarcasm, but can you explain**
John **[why Samoza with massive US aid was unable to retain**
John **[power in the late '70's?**
- 214 Ari **[Somoza fell because he was a corrupt ruler, much like Marcos in the**
Ari **[Phillipines.**
- 215 Tom *[Try comparing Nicaragua to El Salvador, a country where the*
Tom *[opposition can't join the election process for fear of being*
Tom *[killed by the death squads.*
Tom *[Nicaragua is not a one party system. The election was open to*

Tom [opposition
 221 Ari [Yet, the Reagan Administration welcomed Aquino to
 Ari [assume control of the
 223 Ari [Phillipines. The reason the Sandinistas were not accorded the same
 Ari [treatment is
 Ari [because they do not represent democracy or freedom.
 224 Tom [parties. It is worth noting that there are some extreme factions in
 Tom [Nicaragua that want to make it a one party system . Fortunately
 Tom [the moderate wing of the Sandinistas, led by Ortega , is on top.
 Tom [By waging war against Nicaragua, we undercut the
 Tom [moderates and make it more likeky
 Tom [that a one party system will emerge later.
 230 John [if the US only
 John [supported forces of democracy and freedom in Latin
 John [America, we would not have many embassies there!
 231 Ari [Is that a reason to tolerate communism
 Ari [in our hemisphere- to have a lot of embassies?
 233 GALINA [I DON'T THINK THAT IUS
 GALINA [SUPPORT OF THE CONTRAS WOULD MAKE IT ANY
 GALINA [MORE OR LESS LIKELY FOR A ONE PARTY SYSTEM
 GALINA [TO EMERGE.
 234 John **The Sandanistas got limited support because they are Marxists, and**
 John **threatened US economic interests in the region. They requested US**
 John **military aid and were denied it. Only after**
 John **that did they go to Russia.**
 235 GALINA [(I DON'T THINK THAT THE OPPOSITION TRULY
 GALINA [HAD REPRESENTATION IN THE LAST ELECTION.
 GALINA [THAT'S ELECTION.RITH
 238 **Interactor [TIME OVER GUYS.....**
 240 Tom [You have to stop Galina.
 241 **Interactor [THANKS TO ALL**
 242 Ari ['Nuff said.
 244 Tom [Bye...
 245 GALINA [BYE..
 246 **Interactor [Bye.**
 247 Ari [See you guys.
 248 **Interactor [Type Ctrl-C to go out.**
 249 **Interactor ***** Michael Elhadad quits here *******
 250 Tom [How do we get out of....OK
 251 Tom ***** Tom Ellman quits here *****
 252 GALINA [###CLOSING FILE : GALINA.TTY
 253 John **Goodbye....**
 254 Ari [###Closing file : ari.tty
 255 Ari ***** Ari Gross quits here *****
 256 John **###Closing file : ment.tty**
 257 John ***** John Ment quits here *****
 ***** Everybody Has Finished *****

4.3 The Crane 1

The Crane 1

March 87

Player 1
Name : messenger
On File : messenge.trn
Initials : m
.....

Player 2
Name : henry
On File : henry.trn
Initials : h
.....

Player 3
Name : jong
On File : jong.trn
Initials : j
.....

Player 4
Name : tony
On File : tony.trn
Initials : t
.....

1 Henry testing...

2 Henry OK, I'm back.

3 Tony proposal:

4 Tony 1. henry as manager, we all begin work on part(s) for which we have
Tony diagram

5 Jong *I have info and diagram on the left foot and its platform*

10 Henry **I have plans for feet. Me do feet, yous do whatever, tell us when done**

11 Tony I have upper part

12 Henry **messenger: I want: 2 flat 17 hole pieces, 1 flat grid, (large, 1 corner**
Henry **5 hole piece, 1 135 angle 3x3 holes corner, 2 90 1x1 corner**

13 Jong *mess: I need a small white plastic platform, 4 long wheels, and 2*
Jong *stabilizers, also, two 2" axles, 2 trapezoidal black*

16 Tony *mess: i need 3 90 angle 21-hole girders, 2 flat 17-hole girders, 2*
Tony *flat 9-hole girders*

17 Jong *3 holes pieces, 2 flat 5 holes firders, 2 90 1x1 angles, 2 halves of*
Jong *large*

18 Henry **Oh, and 15 #2 screws!!!!, and a flat 9 holes piece, 2 corner 9 hole**
Henry **pieces,**

19 Jong *wheels(hubs) plus six 2" screws ... over*

20 Tony [2 90 angle 1x1 hole girders ,
Tony [14 no 3 screws and 4 no 2 screws and 16 nuts (to match screws)
Tony [end-of-list

21 Henry ([you know, everything for the right foot)

22 Henry [Dont forget the nuts!!!! (and another order for
Henry [the other foot)
Henry [where's the rest ?

25 Jong *while I am waiting here is next set of pieces I need.*

26 Jong *2 flat 17 holes girders*

27 MESSENGER [DON'T BLANK YOUR SCREENS : I CAN'T READ 3 LISTS OF PIECES AT ONCE!

30 Tony *mess: did you begin my order: (y or n) if not, i'll revise it*

28 Jong *[I'll repeat*

29 Jong *[You still didn't give me the followings ..*

31 Jong *[two flat 5 holes girders, two 90 1x1 angles,*
Jong *[(hubs) and 2 halves of large wheels*

32 MESSENGER TONY : I DON'T HAVE YOUR COMPLETE ORDER.

33 Tony [i'll list a new order, excluding the pieces you already delivered, ok?

34 MESSENGER OK TONY GO AHEAD.

35 Jong [] -----< it was a message for the mssenger > -----

37 Tony [6 90 angle 21-hole girders, 4 flat 17-hole girders, 4 flat 9-hole
Tony [girders,

38 Tony 4 90 angle 1x1 hole girders, 22 nuts, 4 #2 screws, 18 #3 screws
Tony end-list

39 MESSENGER HENRY : WHAT DO YOU WANT EXACTLY ?

40 Jong *[Mess: Could I have two longer (twice*
Jong *[the size you gave me) 2" screws?...*

41 Henry **2 flat 17 hole pieces. 1 flat large grid 1 corner 5 hole piece 1 135**
Henry **3x3 corner, 2 90 1x1 corner.. wait.. 2 corner 9 hole pieces...**

43 Jong *[Mess: Also two 2"*
Jong *[axles. I don't know how they are called, but I*
Jong *[need something that fastens the 2" screws.*
Jong *[Maybe they are called the mother (she)*

45 Henry **mess... where's the large flat grid?**

47 Henry **while going, get me another 15 screws & nuts (#2)**
Jong *[screws. Could bring me about 8 of*
Jong *[them?. Also the longer screws you*

Jong *[brought me just now isn't*
 Jong *[long enough. Could you bring me one that is 3*
 Jong *[times longer in*
 49 MESSENGER JONG, I'VE BROUGHT YOU THE LONGEST SCREWS. DO YOU WANT AXLES ?
 50 Jong *[I want*
 51 Jong *[O.k. I'll do without the longer ones...*
 52 Henry **[the base, the one for the right foot**
 53 MESSENGER [YES ? HENRY, WHAT BASE DO YOU WANT ?
 54 Jong *[Mess: What happend to my "she"*
 Jong *[screws!!!!*
 55 MESSENGER [WHICH ONE, HENRY, THE LARGE
 MESSENGER [OR THE SMALL?
 56 Henry **[Both**
 57 MESSENGER HENRY, I'VE ALREADY GIVEN ONE TO JONG!
 58 Henry **[then gimme the other one**
 59 MESSENGER [YES JONG ?
 60 Jong *[Mess: You still didn't bring me 8 she screws...*
 61 MESSENGER WHAT DO YOU MEAN "SHE SCREWS"?
 62 Jong *Something that fastens the 2" screws... on the opposite side...*
 63 MESSENGER [AH, YOU MEAN THE NUTS ?!
 64 Jong *[You got it.. Quick!!*
 65 Henry **[mess: round piece w/ axle, a 3Inch axel, wait...**
 Henry **[metal axel support, 5 #1 screws (and nuts) hydrualic lift unit,**
 66 MESSENGER [YES ?
 67 Tony *[***** mess: i need 4 flat 5-hole pieces also*
 68 MESSENGER [HERE TONY, I COME...
 69 MESSENGER HENRY, WHAT KIND OF ROUND PIECE ?
 71 Henry **That small round piece that is 3 holes in diameter.**
 72 MESSENGER [HENRY, I DON'T HAVE A 3" AXLE.
 74 Jong *Boss(Mess): I need 6 more 2" screws...*
 75 Henry **[Next order: 1 5x9 chassis 2motors**
 Henry **[1 disc(spool) 1 7Inch axel 4 metal**
 Henry **[wheels 4 trap. black pieces,**
 Henry **[1 2-way axels connector**
 Henry **[w/ 2 #1 screws 1 pully 1 hook 1 rope**
 Henry **[and 4 axels longer than 3 inches**
 76 MESSENGER [HERE JONG : JUST THE SCREWS ?
 79 Jong *[Boss: It don't see on the spe, but I*
 Jong *[believe there should be soething*
 Jong *[that should connect the two wheels*
 Jong *[together. Something that goes under*
 81 Jong *the white plastic and link the two axles of the long wheels...*
 82 MESSENGER [JONG, I
 MESSENGER [HAVE SOMETHING THAT MIGHT HELP YOU, BUT I'M NOT SURE. IS THERE
 MESSENGER [ANYONE WITH SOME DOCU. ABOUT THE WHEELS ?
 83 Henry **[And another order**
 Henry **[of screws (make that 20 this time)**
 85 Jong *[No none.. It's such a terrible doc...*
 86 Henry **[What wheels? on the car?**
 87 MESSENGER [HENRY, I DON'T HAVE AXLES LARGER THAN 3"
 88 Henry **[Did anyone take them?**
 89 MESSENGER WELL, I DIDN'T GIVE ANYTHING LIKE THAT...
 90 Tony ****** mess: i need two #2 screws*
 91 Henry **[ok wait on that while I think. in the**
 Henry **[meantime, ... a disk 5 holes in**

Henry [diameter
 92 Jong *Boss: Bring me whatever you have that might link the two axles!!*
 93 MESSENGER [TONY : WITH THE NUTS ?
 94 Jong *[You said you have something that might help,*
[didn't you?
 95 Tony [correction: four # screws, without nuts.
 96 Henry [and the largest shaft you have
 97 MESSENGER [HERE WE GO TONY...
 98 MESSENGER [JONG : DO YOU WANT IT ?
 99 Jong *[Of course..What do you think! Also I'll start building*
[the walls, so
 100 MESSENGER [OK, DON'T WORRY, I'LL BRING THEM...
 101 Jong *[I'll need 1 flat large frid, 1 90*
[angle 5 holes girder, and 1 135
[angle 3x3 holes
 102 Henry [bring
 Henry [me four ... 2 Inch (closest approx) shafts
 104 MESSENGER [HENRY, WITH NUTS ?
 105 Henry [yes
 106 MESSENGER JONG, I DON'T HAVE 90 ANGLE 5-HOLES PIECES ANYMORE !
 107 Henry [mess: come grab my
 Henry [5 hole pieces and gimme the hydraulic thing, and 20
 Henry [#2 screws w/ nuts and the AXELS!!!
 109 MESSENGER [HENRY : I DON'T HAVE ENOUGH #2 SCREWS. DO
 MESSENGER [YOU WANT #3?
 110 Henry [do they fit in the holes?
 111 MESSENGER [I DON'T KNOW!
 112 Henry Bring me 5 #3's and 1/2 of your stock of #2's w/ nuts
 113 Jong *[Boss: Do you have*
[any hubs for the wheels? If you do please bring
[them all..
 114 Jong *[Henry: Did you order the 90 angle 5-hole pieces? One of them is*
 Jong *[mine..*
 115 Henry yes
 116 MESSENGER [HENRY : WHAT KIND OF AXELS DO YOU WANT?
 117 Henry [An assortment of sizes
 Henry [In the 2-3 inch range. I'll take
 Henry [max(6,what-you've-got)
 118 MESSENGER OK, I BRING YOU ALL I HAVE.
 119 Henry [and gimme 5 more #3 screws
 120 Jong *[Boss: I need about 6 2" screws and hubs.*
 121 MESSENGER [SORRY, JONG, I DON'T HAVE ANY HUB.
 122 MESSENGER [SORRY, JONG, I DON'T HAVE ANY #2
 MESSENGER [SCREWS ANYMORE... DO YOU WANT #3?
 123 Tony [
 Tony [attention to all: the upper part is provisionally complete.
 124 Jong *[What about*
 Jong *[the hubs for 2" hubs...*
 125 Tony [does anyone have instructions for
 Tony [another part they haven't started?
 Tony [*****
 127 Henry [no
 128 Tony please prefix answers with person addressed to.
 129 Jong *[EVERYBODY:.....*
 Jong *[PLEASE RETURN ANYTHING THAT YOU DON'T NEED*

130 Tony [messenger: please
 Tony [pick up my extra parts now
 132 Jong boss: I need 4 2" screws and 6 2" screws. I cannot use #3 screws....
 133 Henry tony: how many holes spacing is there between the car tracks on the
 Henry upper body?
 134 Tony henry: there are 5 holes spacing in between -- the entire five
 Tony holpiece --
 137 Tony between the two side walls, over
 135 Henry (Inclusive or not?)
 136 MESSENGER [I'VE ALREADY GIVEN OUT ALL MY #2 SCREWS !!!! ASK
 MESSENGER [SOMEONE TO EXCHANGE THEM
 138 Jong [What about the hubs...6 hubs.. for 2".
 Jong [Oh, a typo. I meant 4 screws and
 140 MESSENGER [HOW MANY DO YOU WANT JONG ?
 142 Jong [6 hubs..
 141 Tony [*****
 143 Tony [henry: that's five hole spaces between the side walls, inclusive,
 Tony [ok?
 144 Henry [
 Henry [You mean track-totrack is 3 inches (assuming 1/2 Inch per hole)
 145 Tony it's: screw--empty--empty--empty--screw, going across, ok?
 146 Henry [We have
 Henry [problems. the foot spec says S-E-E-E-E-E-S
 147 Jong [Henry or Tony: Wanna
 Jong [exchange any #2 screws with my #3 screws? 4 of
 Jong [them..
 148 Henry [The min
 Henry [car tire width is 6 holes.
 Henry [tony: let's swap the foot+instructions for
 Henry [the top part ok?
 150 Jong [Yes or No?
 151 Tony [henry: you mean completed or uncompleted
 152 Jong [Boss: Do you have clips for
 Jong [the axle support?
 153 Henry [tony: half finished. you
 Henry [have to get on the mess. case to get the
 Henry [parts.
 154 MESSENGER JONG : HOW MANY CLIPS DO YOU WANT ?
 155 Jong [4 please , boss.
 156 Tony [henry: ok, i'll ask the mess to trade
 157 MESSENGER [OK.
 158 Henry [OK
 159 Henry mess: come and get my stuff, give it to tony
 160 Tony [*** mess: come and get my
 Tony [upper part (entire) for henry
 Tony [*** mess: come and get
 165 Tony [instructions for henry
 161 MESSENGER HENRY : WHAT PARTS DO YOU WANT TO TRANSMIT TO TONY ?
 162 Henry Come here, I'll give them to you
 163 Jong [IMPORTANT EVERYBODY:: I have finished
 Jong [the left foot except that the screws
 Jong [I used for the wall are #3 , which should be #2..
 Jong [Exchange of #2 you
 166 Jong [have with my #3 screws is vital..
 167 Henry [Forget it. It's all screwed up. we

Henry [aint going to finish this
168 Jong [Henry: Don't be so pessimistic... We still have 10 or so mins..
169 Henry [jong:
Henry [gimme your foot. I'll try to make things match
170 Jong Mess: Give my foot to Henry...
171 MESSENGER [HERE WE GO FOR THE SWAP JONG/HENRY...
172 Henry [tony: don't do anything. lets see
Henry [what the left foot looks like
173 Tony [henry: ok, who will compare the feet?
174 Jong [Henry: I didn't attach the wall to
Jong [the plastic because the screws are
Jong [#3. They should be replaced
Jong [to #2... Read my message henry.
175 Tony [should be someone who did one of them, over
177 Henry [the feet
Henry [aren't done! me thinks that 7 holes inclusive is the correct
Henry [distance.
Henry [discuss things amongst yourselves
Henry [(and get the rest of the parts) I'll
Henry [be screwing madly
180 Jong Good luck..
181 Jong Boss: Please come and give 135 angle 3x3 holes to Henry..
182 MESSENGER [OK JONG, I COME...
184 Jong [Boss: Henry
Jong [might need the instructions for building (or connecting)
185 Henry [mess: gimme 4 9 hole flats
186 Jong [two feets together. Please come again and
Jong [give my instruction sheet to Henry...
187 MESSENGER [HENRY : SORRY BUT I HAVE ONLY 3 9-HOLES...
189 Jong Henry: Yes-no question: Do you need any help to save your time?
190 Henry not really, unless you can come here physically
191 Jong Boss: Is it legal? I mean can I make physical move?
192 Henry [everyone: gimme screws & nuts
193 MESSENGER [NO JONG, IT'S FORBIDDEN BY THE LAWS...
194 Jong [Henry: I have given you all the
Jong [screws and the nuts...
183 Tony [mess: i need a 3" axle, a metal axle support, a #1 screw, end-list
195 MESSENGER [TONY : NO AXLE LEFT HERE...
196 Henry [tony: I forgot to give you axels.
197 Henry [mess: come and get them
198 MESSENGER [HERE HENRY, I'M COMING...
199 MESSENGER [TONY : NO MORE , OH SORRY!! I FOUND THEM!
200 Henry [mess: gimme screws. #2, #3 and
Henry [#4, grand total = 30 (or whatever you
Henry [have)
201 MESSENGER COMING, HENRY...
202 Tony [mess: bring 2 no. 3 screws, if any
203 Henry mess: gimme 4 7 hole pieces
204 Henry and 20 nuts
205 Henry (7 hole flat pieces)
206 MESSENGER SORRY TONY : NO MORE SCREWS... HENRY HAS EVERYTHING.
207 MESSENGER HENRY : THERE ARE NO 7-HOLES PIECES IN MY SET...
208 Henry [tony: what do you need ?
209 Tony [henry: i have no 2 screws, but would prefer #3 screws iff
Tony [available

210 Henry [Use #3, I have some Is 10 enough?
Henry [mess :come and get stuff

212 MESSENGER [COMING HENRY...

213 Tony [henry: ok, mor

214 Jong [Boss: Does Henry have diagrams 12 and 21?

215 MESSENGER [JONG, I DON'T KNOW WHAT HENRY HAS I

216 Jong [Boss: On the back of the 6 pages
Jong [instruction sheet there are two
diagrams showing the complete, finished diagram of our production.

217 Jong [jong: no

218 Henry [jong: yes I have them (oops)

219 Henry [Does Henry have those diagrams also? NONE...

220 Jong

222 MESSENGER EVERYBODY : 90 MNS LIMIT IS IN 5 MNS

223 Henry [mess: 2 17 hole pieces jong: you doing anything?

225 Jong I am idle.

226 Henry [you do the car. I'll give it to you with the wheels the right
Henry [distance apart
Send the instr. along.

227 Jong

228 Henry [mess: come and get it

229 Tony [mess: i need a no. 1 screw!

230 MESSENGER 3 MNS LEFT

231 MESSENGER GUYS : DO YOU WANT AN EXTENSION ?

232 Henry yes!

233 Jong Why not!

234 MESSENGER [OK, HOW LONG ?

235 Jong [15 mins. fine..

236 Henry [15 mins

237 Tony sure 15 is ok

238 MESSENGER [OK, HERE WE GO FOR 15 MNS MORE...

239 Jong [Boss: 2 #1 screws, please..

240 MESSENGER [HERE I COME JONG...

241 Henry [all: Is the right foot done? (or almost done?)

242 Tony mess: do you have a "round piece with axle support (disk)?mess:

243 MESSENGER [TONY : SORRY I HAVE NO MORE DISK.

244 Jong Tony and Boss: I have a disk? Come and check!

245 MESSENGER [I COME JONG..

246 Henry [mess: 2 17 hole flat pieces

247 MESSENGER [HENRY : NO MORE 17 HOLES IN STOCK...

248 Henry [gimme the longets you've got (3 of them)

249 Jong [Tony: Y/N question: Is that what you need?

250 Henry [right foot guy: I'm finished. gimme right foot

251 MESSENGER HENRY : I DON'T HAVE ANY GIRDER LEFT, NO SHORT, NO LONGI

252 Henry all except the car guy: gimme all (I'm almost done)

253 Henry tony: need right foot now!

254 Tony mess: come and get right foot + hydraulic unit

255 MESSENGER [COMING, TONY...

256 Tony [henry: i have nothing to do now -- do you have any
Tony [tasks?

257 Henry [no. pray.

258 Jong Boss: I have a bunch of screws and nuts I don't need. Please transfer
Jong over to Henry

259 Tony [

260 Henry [*** henry: shall i send you all remaining parts?
[anyone has any girder?

262 Henry final assy in progres...mess: one of those things that look like:

269 **Henry** _____
 270 **Henry** | |
 263 MESSENGER [5 MINS LEFT
 264 Tony [mess: *** get all my parts for henry + instructions
 265 MESSENGER [COMING TONY...
 266 Tony [henry: for the record, i sent ALL my parts to you. good
 Tony [luck!
 267 Tony ***** tony quits here *****
 268 MESSENGER [2.5 MNS LEFT
 271 **Henry** **mess: one 1x1 angle**
 271 MESSENGER COMING, HENRY...
 272 MESSENGER 1 MN LEFT ...
 273 **Jong** *Boss: Car is finished. Please take it to Henry..*
 274 MESSENGER [COMING JONG...
 277 MESSENGER [TIME OVER GUYS.....
 278 MESSENGER [STOP EVERYTHING....
 275 **Jong** *[Henry: Time is over...*
 276 **Jong** ***** jong quits here *****
 279 MESSENGER YOUR TIME IS : 105 MNS.
 280 MESSENGER EXTRA CREDIT DONE, BUT UPPER PART UNCOMPLETE...
 282 MESSENGER THANKS GUYS...
 ***** Everybody Has Finished *****

4.4 The Crane 2

The Crane 2

March 87

Player 1
Name : MESSENGER
On File : messenge.tm
Initials : m

Player 2
Name : *yoseff*
On File : yoseff.tm
Initials : y

Player 3
Name : *wendy*
On File : wendy.trn
Initials : w

Player 4
Name : *peter*
On File : peter.trn
Initials : p

1 MESSENGER OK, SEEMS WE ARE ALL SET.
2 MESSENGER PLEASE, TYPE ALL ON YOUR TERMINAL : ESC (THE KEY) AND THEN
3 MESSENGER SET BELL
4 Peter all set
5 **Yoseff** [all set
6 MESSENGER [DO YOU ALL HEAR A BEEP NOW ?
7 **Yoseff** [yes
8 *Wendy* *yes wait a sec.. i 'm still figuring out the insturctions*
9 Peter *yes*
10 MESSENGER OK TRY TO TYPE ^G
11 MESSENGER OK GREAT I HEARD FOUR BEEPS!
12 MESSENGER [OK, LET'S START NOW : IT IS 10:15 AM.
13 MESSENGER I HAVE FOUR ADDITIONAL SHEETS OF INSTRUCTION. ONE DESCRIBING
14 MESSENGER THE CAR, ONE THE RIGHT FOOT, ONE THE LEFT FOOT, ONE THE UPPER PART.
15 MESSENGER YOU CAN DISTRIBUTE THESE AMONG YOURSELF.
16 MESSENGER JUST ASK.
17 **Yoseff** [I have a description on the back of my instruction set with
Yoseff [the numbers 12 and 21 in circles do both of
Yoseff [you have the same numbers
19 *Wendy* *yes the numbers are on the back but there are pictures of the*
20 *Wendy* *crane on mine.*
21 **Yoseff** [i also have pictures i was just wondering if we got
Yoseff [different things
22 **Yoseff** **Peter??**
23 Peter I have the numbers and pictures
24 **Yoseff** **ok lets figure out who wants to do what anybody here**
25 **Yoseff** **ever do construction work before, building hardware counts sort of**
26 *Wendy* *no we neither.*
27 **Yoseff** [anyone
Yoseff [have a preference for tasks, all i have is some screws, bolts
Yoseff [and screwdriver
28 *Wendy* *i have some screws and bolts and a screwdriver and*
28 *Wendy* *wrench. what tools do you have?*
29 Peter [i have screws and screwdrivers
31 **Yoseff** [but no wrench
32 **Yoseff** [what might we need the wrench for, and i guess its
Yoseff [wendy's
33 *Wendy* *my what?*
34 **Yoseff** **clearly we need the wrench for some particular part of the crane**
35 **Yoseff** **i'm wondering what part**
36 *Wendy* *what type of approach are we going to take?*
37 *Wendy* *on page 1 there are some options at the bottom.*
38 *Wendy* *what do you think?*
39 **Yoseff** **well we could be ambitious and split it into 4 parts, if it worked we**
Yoseff **would**
40 **Yoseff** **be done pretty fast, the 7 part scheme is less risky, but heck this is**
41 **Yoseff** **in some sense a game we might as well have some fun and go for it 4**
Yoseff **parts.**
42 *Wendy* *i agree*
43 Peter [i think that is great
44 **Yoseff** [ok lets
Yoseff [split up the parts, any preferences
45 *Wendy* *i'll take*
46 *Wendy* *i'll take one of the feet to start, if that's*
Wendy *ok..*

47 Yoseff I'll take the top if that ok
 47 Peter [i will take the right foot if its ok
 48 Yoseff looks like we're in agreement, lets talk to messenger, but one at a
 Yoseff time with
 49 Wendy *what about the car??? save it for later?*
 50 Yoseff [all parts we think we need to
 Yoseff [make this more efficient.
 51 MESSENGER [YOSEFF, I HAVE
 MESSENGER [MORE TECHNICAL INSTRUCTIONS FOR EACH PART IF YOU WANT
 MESSENGER [THEM.
 52 Yoseff [I want technical materials for the top, in addition please
 Yoseff [bring me the following:
 53 MESSENGER [COMING WITH INSTRUCTIONS YOSEFF
 54 Yoseff 3 90 angle 21 hole girders, 2 flat 17 hole girders, 2 flat 19 hole
 Yoseff girders, and 2 90 angle 1x1 holes girders
 56 Wendy *[i would like technical instructions for the left leg and peter*
 Wendy *[gets the directions for the right leg.*
 57 Yoseff [skip the 19 hole girder I mean 9 hole girders
 58 MESSENGER [OK YOSEFF, COMING WITH
 MESSENGER [THE WHOLE.
 60 MESSENGER OK WENDY COMING WITH INSTRUCTIONS.
 61 MESSENGER PETER, COMING WITH INSTRUCTIONS.
 62 Wendy *i would like 2 flat 17-hole girders, 2 flat large grids, 2 90 angle*
 64 Peter [i would like
 65 Wendy *[5 hole girder, and 2 135 angle 3x3 holes, please.*
 66 Peter [i would like 2 flat 17-hole symmetrical walls,
 Peter [1 flat large grid 1 corner 5 holes
 67 Wendy *[oops, i need 2 more flat 17-hole girders and 1 ft 9-hole*
 Wendy *[girder.*
 68 Peter [piece 1 135-3x3 holes corner
 Peter [and 2 90 1x1 holes corners
 69 MESSENGER [COMING PETER
 71 Yoseff [while your at it I need lots of #3 screws...!
 72 MESSENGER [YOSEFF, I DON'T HAVE ANY
 MESSENGER [SCREWS. I'VE GIVEN EVERYTHING TO YOU AND YOUR
 MESSENGER [PARTNERS
 74 Yoseff [ok I need #3 screw all I have are one 1 lots of 2, and 4 I need 3's
 Yoseff [anybody out there got a bunch of those???
 75 MESSENGER [COMING WENDY.
 77 MESSENGER PETER, I DON'T HAVE ANY CORNER 5-HOLES PIECES.
 78 Yoseff any #3 screws????????
 79 Wendy *how do we know what number the screws are?*
 80 Yoseff #3 but I'm using 2's at the moment
 81 Peter [i need 2 9 holes pieces
 82 MESSENGER [COMING PETER.
 83 Wendy *excuse me but can anyone tell me how i know what numbers the screws i*
 Wendy *have are???*
 85 Yoseff [I'll try wendy, best way to figure out is just to line different
 86 Yoseff sizes up and do it that way, sorry best I can do
 87 Yoseff messenger, I need 3 90 angle 21 hole girders, 2 flat 17 hole girders,
 88 Yoseff [2 flat 9 hole
 Yoseff [girders, 2 90 angle 1x1 hole girders
 89 MESSENGER [COMING YOSEFF.
 90 Peter [wendy i dont know
 91 MESSENGER [I DON'T HAVE ANY 9-HOLES LEFT, DO YOU WANT 5-HOLES

MESSENGER (INSTEAD, YOSEFF
 92 **Yoseff** [sure ok, but wait, you didn't give me all 21 hole
Yoseff [girder but 1 21 and 2 of a different size!!!!
 94 MESSENGER OPPS SORRY, BUT THAT'S ALL THE CORNERS I HAVE!
 95 MESSENGER HOW MANY 5 HOLES GIRDERS DO YOU WANT ?
 96 **Yoseff** heck make it 4 if its all the same to you
 97 MESSENGER OOPS AGAIN, I'VE FOUND THE 3 9 HOLES LEFT. DO YOU WANT ALL THREE?
 98 **Yoseff** yes
 99 MESSENGER COMING YOSEFF.
 100 **Wendy** peter do you have instructions on how to assemble the 9 holes flat
Wendy piece with the 135 angles?
 102 Peter [no
 103 Peter i need 2 more 17 hole pieces and a flat grid
 104 MESSENGER PETER, I STILL HAVE A LARGE GRID, BUT I DON'T HAVE ANY 17 HOLES LEFT.
 105 MESSENGER I ONLY HAVE 5 HOLES GIRDERS IN STOCK. DO YOU WANT THEM ?
 106 Peter ok let me have them
 107 MESSENGER COMING PETER.
 108 Peter i need a large grid
 109 MESSENGER PETER, I'VE GIVEN TO YOU ALL MY GRIDS. SORRY, NO MORE IN STOCK.
 110 **Wendy** i need 4 long wheels with 2" axles, 2 trapezoidal black 3 hole pieces,
 111 **Wendy** 2 flat 5 hole girders, 2 90 1x1 angles, 2 halves of large wheels (hubs)
 112 **Wendy** [and a bunch of #2 screws.
 113 MESSENGER WENDY, I HAVE NO MORE 5 HOLES GIRDERS. PETER HAS EVERYTHING.
 114 MESSENGER AND I HAVE NO SCREW.
 115 MESSENGER COMING FOR THE REST.
 116 **Wendy** peter, do you need that 5 hole girder??
 117 Peter i can give you 2 of them
 118 **Wendy** great that is what i need.
 119 **Wendy** mese
 120 MESSENGER [COMING PETER FOR THE 5 HOLES GIRDERS.
 121 **Yoseff** wendy i have lots of #2's
 122 **Wendy** good. also i need a small white plastic platform..
 123 **Yoseff** [messenger, please
Yoseff [take a bunch of screws from me to wendy,
 124 MESSENGER [COMING YOSEFF
 125 **Yoseff** [wendy, what is the width of the cars
 126 **Wendy** [i have no idea. should i know that??
 127 **Yoseff** [is it in your instructions, are you doing the car??
 128 **Wendy** [no i'm working on the platform right
Wendy [now.
 129 Peter [me too
 130 **Yoseff** [ok i've basically finished
Yoseff [the top, should i start on the car?
 130 **Wendy** SURE!!
 131 Peter [i guess you could
 132 **Wendy** [messenger could i have a small white plastic platform and
 133 MESSENGER [SORRY, WENDY,
 MESSENGER [I'M COMING ...
 134 **Yoseff** ok, messenger i need instructions for the car
 135 MESSENGER COMING YOSEFF.
 137 **Yoseff** messenger, i need 1 black metal 5*9 chassis, 2 motors, 1 disc 1 7"
Yoseff axles, 4 3" axles, 4 metal wheels 4 trapzaoidal black pieces
Yoseff 1 2-way axle connectors with its 2 no. 1 screws, 1 pulley 1 hook 1 rope
 140 MESSENGER YOSSEF : I HAVE ONLY 2" AXLES, 5 OF THEM. IS IT OK?
 141 **Yoseff** probably not, but i have'nt got much of a choice so let me have 4 of

Yoseff them instead of the 3.
 142 MESSENGER OK, COMING.
 144 **Yoseff** messenger, I need 4 metal wheels not just 1,
 145 Peter [messenger i need 2 90 1 hole pieces
 146 MESSENGER [SORRY, YOSEFF, BUT YOU DIDNT ASK FOR ANY
 MESSENGER [WHEEL BEFORE.
 147 MESSENGER [COMING WITH 4 OF THEM.
 148 **Yoseff** [I think messenger I need some small screws fot the
Yoseff [wheels
 149 **Wendy** [i'm having real problems with this platform. Peter
Wendy [did you have to do anything on the right leg?
 151 Peter i need some pieces to do the platform
 154 Peter Wendy what did you need the 5 hole piece for ?
 155 **Wendy** i needed it for the platform stabilizers. why do you need it now??
 157 Peter messenger i like to have the axle support pieces
 158 MESSENGER WHAT PIECES PETER ?
 159 Peter the disc and the platform
 160 MESSENGER OK COMING.
 161 Peter i
 162 Peter i also need 2 9 holes angles
 163 MESSENGER COMING PETER.
 164 MESSENGER YOU HAVE 15 MNS LEFT.
 165 Peter i need the 3" axle
 166 MESSENGER COMING PETER.
 168 **Wendy** [messenger i need screws longer than #2. do you have any?
 169 MESSENGER WENDY, I HAVE ONE LONG SCREW. THERE SHOULD BE ANOTHER ONE SOMEWHERE.
 170 MESSENGER I'M BRINGING IT.
 171 Peter i have some which i do not need
 172 MESSENGER COMING PETER.
 173 **Yoseff** messenger any 7 inch axles If not get me another connector !!
 174 MESSENGER I HAVE NO AXLE AND NO CONNECTOR! SORRY
 175 MESSENGER [COMING YOSEFF.
 176 MESSENGER GUYS : 5 MNS LEFT.
 177 MESSENGER DO YOU WANT AN EXTENSION, OR YOU'D RATHER FINISH THAT ASAP?
 178 **Yoseff** up to the rest of you
 179 **Wendy** [could i have another of those
Wendy [really big screws?
 180 MESSENGER [HE, WHAT ABOUT THAT
 MESSENGER [EXTENSION, OK OR NOT ?
 181 **Yoseff** [sure why not what about my
Yoseff [connector ?
 183 MESSENGER [YOSEFF I GAVE YOU MY ONLY CONNECTOR!
 184 MESSENGER PETER, WENDY, WHAT ABOUT THAT EXTENSION ?
 185 Peter I d messenger i need parts for the extension
 186 **Wendy** [sure.
 187 **Wendy** I still need the large screw for the other support.
 188 MESSENGER WHEN DO YOU WANT TO STOP ? IN 10, 15 , 20 MNS ?
 189 **Wendy** I need some time guys.
 190 **Wendy** 20?
 191 Peter [20 ok
 192 **Yoseff** fine
 194 **Yoseff** wendy, peter I'm having a light problem with the car, how you guys
Yoseff doing, anyone give some help ????
 196 **Wendy** i am having wheel problems. i need more parts, etc.
 197 MESSENGER WHAT PARTS WENDY ?

198 Wendy *I'm not sure but still need one of those very big screws.*
199 MESSENGER ANYONE HAS A VERY LONG SCREW ? WENDY NEEDS IT !
200 Wendy *[do you*
201 Wendy *[No jokes please.*
202 Peter *[I do have one*
203 Wendy *[can i have it?*
204 MESSENGER [OK, COMING.
205 Peter [ok
206 Wendy *[I meant the very long ones not the fat one. Does anyone have one??*
MESSENGER [YOSEFF IT MUST BE YOU, YOU MUST HAVE THAT SCREW!
208 MESSENGER [HE YOSEFF, ARE YOU HERE ?
209 Yoseff **I don't see it**
210 MESSENGER OK, WENDY, MAY BE YOU SHOULD GIVE UP WITH THE STABILIZERS...
211 Yoseff **[I have two**
Yoseff [long ones I think they are #4 but wendy can see if its what
Yoseff [she needs, messenger take them to her but no guarantees
MESSENGER [OK, COMING.
213 Wendy *[thanks yoseff these are what i need.*
216 Yoseff **[wendy I need the wrench**
215 Wendy *sure .*
217 MESSENGER [COMING WENDY.
218 Wendy *i need some more #2 screws and some bolts*
219 MESSENGER [OK, I HAVE 3 OF THEM. COMING.
220 Peter *[i need two long screws*
221 Wendy *i need something to attach the wheels and make them stay in place.*
223 MESSENGER [PETER I HAVE ONE
MESSENGER [#3 SCREW. MAY BE SOMEONE ELSE HAVE MORE.
224 MESSENGER COMING WENDY.
225 MESSENGER GUYS, YOU HAVE 7 MNS LEFT, MAY BE YOU SHOULD BEGIN TO ASSEMBLE
226 MESSENGER EVERYTHING IN ONE BIG CRANE... DON'T YOU THINK ?
222 Wendy *well i need a few minutes, 1-2 then i say let's try it*
227 Peter *can i have the one screw you*
228 MESSENGER [OK PETER. COMING/
229 MESSENGER [EH, GUYS, YOU DIDN'T ANSWER...
230 Peter *[i think you are right*
231 Yoseff **[I need a number 2 screw or #3 screw anybody**
232 Peter *[can i have the larger disc*
233 MESSENGER YES PETER...
234 MESSENGER 3 MNS LEFT...
235 Peter *1 small disc too*
236 MESSENGER NO DISC LEFT, PETER, SORRY...
237 MESSENGER BUT HURRY UP IF YOU WANT TO CONNECT THINGS TOGETHER...
238 Yoseff **[messenger i need**
Yoseff [an axle for the disc or what ever
MESSENGER [COMING YOSEFF..
239 Yoseff **[msg a tiny screw also**
241 MESSENGER SORRY I DON'T HAVE ANY...
242 Yoseff **anyone**
243 MESSENGER [IS THERE ANY PART DONE ?
244 Yoseff **[anyone have a real TINY screw?**
245 Wendy *[yes...*
246 Wendy *[it's fat but small*
247 Peter *[i have one round head one*
248 MESSENGER [COMING WENDY AND PETER...
249 Yoseff **msg a 5 hole girder**

250 MESSENGER NO SORRY YOSEFF, NO GIRDER LEFT.
251 MESSENGER BUT YOU REALLY SHOULD START THE CONNECTION, AND LEAVE OFF THE
MESSENGER DETAILS...
252 **Yoseff** **I need a small girder anyone**
253 MESSENGER OK GUYS, SORRY BUT TIMES IS SHORT.... WE MAY HAVE TO STOP, UNLESS YOU
254 MESSENGER REALLY WANT TO GO ON...
255 **Yoseff** **I have a meeting I'm late for sorry guys**
256 MESSENGER SO I GUESS WE HAVE TO STOP HERE...
257 MESSENGER WENDY, PETER, OK ?
258 *Wendy* *[yes.*
259 MESSENGER OK, THANKS GUYS,
260 MESSENGER YOUR TIME IS 120 MNS.
261 MESSENGER NO CONNECTION.
262 MESSENGER NO EXTRA CREDIT.
263 MESSENGER ***** MESSENGER QUILTS HERE *****
***** EVERYBODY HAS FINISHED *****

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