"Bidding on general principles is a good thing. Improving general principles is more difficult, but also more effective than inventing special principles."

# On the Structure of Natural Bidding Systems

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The theory of bidding systems focuses mainly on constructing more optimal conventional treatments of difficult situations. Even if a totally new system is designed, the principal idea is to take different partitions of the bidding space and treat them with specialized tools. The basic idea of natural bidding systems is that they have a core, consisting of bidding rules rather than sequences or treatments. In this article I will formalize such a natural bidding 'core'. After the core is formalized and standardized, the road will be open for the evaluation and improvement of this bidding core. Resulting in advanced, learnable natural bidding systems.

A simple natural bidding system uses rules to define the meaning of bids. Rules like: 'new suits are forcing' or 'jumps are strong and promise a six card suit'. Some rules are only used in certain situations; some rules are used almost all the time. But in all cases most of the bidding is interpreted with these rules, not because there are specific agreements on the exact meaning of a bid in the current bidding sequence.

Rules consist of two important parts: the meaning of the bid and the situations in which the bid can be used. For both parts of the rule, the definitions used contain all kinds of generic language. For example: "suits lower than the opening suit", or "minimal values", or "the first suit is longer than the second suit". Any attempt to formally describe the rules and their relations should take note of this.

This use of generic language complicates the application of the rules in bidding. At any given time, several rules will try to claim the same bids. To be able to choose what rule to use, the rules have to be prioritized.

## Formal description

In this article I will attempt to formally describe a natural bidding system. The method I use to describe the system is implemented in a computer program. So in practice, the theory works.

Before we dig somewhat deeper into the description formalism, some concepts have to be defined: bid definition, sequence, meaning, context, partial context, priority.

A *bid definition* is the information that contains the characteristics of a bid. A bid definition can be used for a lot of bids in the bidding. The same kind of bids, use the same bid definition.

A **sequence** of bids constitutes the bidding. The **meaning** of a bid is that part of the bid definition wherein the information a bid gives is described in general terms. The meaning of a bid is invariant. The instantiation of a bid definition into a bid in a sequence is variant and dependent on the bidding.

A **context** is the total set of bid definitions, that is active at a certain moment in the bid-

ding. Every time a player bids, there is a unique context that contains the bid definitions available to the player.

A *partial context* is a set of bid definitions, that is used as a set in several different contexts. Usually a partial context contains the definition of related bids.

**Priority** is used to decide between competing bid definitions. If a hand fits the meaning of several bid definitions, priority decides which bid is used.

A bid definition consists of the following parts:

<rule name>

<conditions>

<own bids>

<opponents bids>

<relations>

<meaning>

<registers>

<sequences>

Every bid definition has a *name* by which it is known. This name is mostly descriptive.

Conditions are used for defining generic restrictions on the use of bid definitions. For example: "The suit bid is lower than my opening suit.", or "The suit bid is any suit bid by us". A condition refers to the state of the bidding and almost always to a bid register set in a previously used bid definition.

The own bids section contains all possible bids for a bid definition. For example: 2 Diamonds, 2 Hearts, 2 Spades. This can be a 'bids' section for the bid definition "Weak Two Opening". No 2 Clubs bid can be a "Weak Two Opening", but not every 2 Diamonds bid has to be one.

The *opponents bids* section defines after which bids by opponents the bid definition is still valid. This can be used to create specific bid definitions for competitive situations.

A *relation* defines how the last bid of the partnership relates to this bid. For example: "jump", "same level, higher suit". A relation is a restriction on the own bids available from the bids section.

The *meaning* of the bid specifies the characterics defining the bid. For example: "four card suit in the suit bid", or "12-19 HCP". The meaning often contains rules with references to registers or the suit bid.

When a bid according to a certain rule is used, this bid can define the reference for certain often used concepts, for example the trump suit or the opening suit. This is defined in the *registers*. A register contains the name of a suit. Registers are referred to in conditions and in the meaning of bids.

When a bid according to a certain bid definition is done, it brings the bidding into a new context. Every bid definition defines sequences, consisting of a full contexts or one or more partial contexts that become active for partners bid. It is not uncommon for a bid from a (partial) context to sequence into the same (partial) context.

A good example of a bid definition is the definition for 'new suit 2 level low'. This defines what a bid on the level below earlier bid suits means.

### Basic system

The basic layout of bidding systems is sequential. The first bid is followed by the second, and then followed by the third. But this is not necessarily so for the definition of the system. Sometimes the same bid definition can be used at several points in the system. An example:

1D - 2NT

1D - 1H

1S - 2NT

In both bidding sequences, the 2NT bid is a game invitation. It denies the values for any higher priority bids, like a new suit on the 1 level or a support or fit showing bid. The meaning of the bid is the same in both situations. The bid is the same in both situations. The relation of the bid to partners last bid is the same in both situations. This means that the total bid definition is the same for both situations.

Alike bid definitions are often grouped into partial contexts. A partial context is a set of bid definitions that acts as a group, and that is either in the context or not. They also have the same priority within the context

Partial contexts are grouped into full contexts. The priority of one partial context to another is set in the full context. The same partial contexts can be active in several full contexts, but with changing priorities.

In natural bidding systems, the number of contexts is often very limited. This means that the bid definitions in contexts either refer to each other, or directly to the same context they are in. This circularity

in bid definitions and contexts is a central idea in the theory proposed here.

The central contexts in a natural system are "non-forcing nonfit" and "forcing nonfit". These two context define the bid definitions for the larger part of the bidding, when there is no fit found yet. These contexts mostly refer to themselves or each other, and they refer to 'exit' contexts like "Major fit", "minor fit" or "slam investigation". These 'exit' contexts no longer refer to the central contexts, but to other contexts further away from the core.

The important difference between the nonforcing nonfit and the forcing nonfit contexts, is the difference in meaning of the 'new suit bids'. The difference is caused by the fact that in one case pass is an option, in the other case it isn't. So in one case bidding will promise values, in the other case it doesn't.

Most of the fit-bids, slam investigation or bids after interference are the same for both contexts. Because these bids are not dependent on the availability of the pass option, or the pass option is made available by opponents.

How the system is built exactly, can be seen in the sections below, where a general description of the layout of the system is given, along a full dump of all information necessary for completing the system.

### **Evaluation of the system definition**

To be able to distill the bidding from the definitions, there has to be an evaluation function that evaluates the bidding, specifies the options available at this point in the bidding and selects one of the bids as being the best candidate. This process is called the Bidding System Evaluation Algorithm.

The Bidding System Evaluation Algorithm is used every time a player has to bid. The algorithm consists of three main sections:

- evaluate to bid
- select bid
- do bid

The first section (evaluate to bid) decides which bids are legal and what the meaning of the available bids is in the current context. The second section (select bid) chooses a bid from all available alternatives on basis of hand characteristics and priority. The third section executes the bid and makes the information from the bid available to other players at the table.

#### Evaluate to bid

Evaluate to bid has three main sections:

- legal bids
- select bid definitions
- instantiate definitions

The first step is to define which bids are legal at the moment. Most of the time the legal bids are bids higher than the last bid, and pass and double. When the last bid was double, it is not legal to double, and only when opponents doubled, you can redouble.

The selection of bid definitions is as follows:

- examine all sequences coming from partners bid definition (take special care of group links) and define priority for all resulting bid definitions. Priority is defined on basis of the order of the sequences from the bid. The highest priority sequence is ordered first in the list, the lowest priority last.
- for every sequence: loop through all legal bids marked available in 'own bids'-section of the sequence definition, and check:
  - 1. is there a correct relation between partners bid and this bid, and is the bid in the 'own bids' section.
  - have opponents bid a bid from the 'opponents bids' section
  - 3. are all conditions satisfied
- if all checks are correct, then assign bid definition to bid, when:
  - 1. the bid has no bid definition yet
  - 2. this bid definition has higher priority then the existing bid definition

Note this: if the conditions, relations, own bids or opponents bids sections are not satisfied, the bid definition is not selected for this bid in this round of bidding. Only when two bid definitions are selected for the same bid, priority takes charge.

When all sequences are examined, and all defined bids are linked to the corresponding bid definitions, the rules of the bid definition are instantiated. This instantiation process simplifies the rules and substitutes values for variables and denominators.

The instantiation process takes the following steps:

- retrieve the values for the bidding registers from the last bid of this hand
- retrieve the existing rule sets for the hand (if available). These rule sets are the result of previous bids made by this hand. If there are previous (valid) rule sets, the result of the compilation will be ((number of existing rule sets) X (number of rule sets in correct bid definition)) rule sets. So every old rule set will be combined with every new rule set.
- specialize all rules from the rule sets of the new bid definition:
- substitute 'all suits' rules that refer to suit length with four rules, 'all suits' rules that refer to HCP or ModHCP are not altered
- 2. substitute 'suit bid' with the suit of the bid
- 3. substitute references to bidding registers with the actual values
  - combine the new and old (specialized) rules into the new rule sets. If two rules have the same parameters, the values of the rules are intersected. If in combining the rules a rule gets an empty intersection (minvalue= -1 and maxvalue= -1), the rule and thus the complete rule set is rendered invalid. Combining rules stops at the first moment when a rule set becomes invalid. This way, in the evaluator window, one can see which rule caused the whole rule set to be invalid. Rule sets can also become invalid in the next step of the process:

- resolve the rules in the rule sets into specific rules, resolving:
- 'our hands' rules, when a rule says something about 'our hands', the strategy is to use the minimum value of partners hand, en recalculate the min/max values on that basis for the current players hand.
- check for distribution, a hand cannot have at least four cards in all suit, so the maximum values are recalculated on basis of the minimum values for each suit.
- 3. calculate modified HCP, the current HCP interval is changed into: new minimum = global minimum current + minimum modified (check: if this is higher than the current maximum, the rule is invalid), new maximum = minimum current + maximum modified (check: if this is higher than the current maximum, the new maximum is set to the current maximum). An important point: a definition can contain several rule sets. A global minimum is calculated for all rule sets, and this is used as a minimum for modification process.
- 4. combine information about specific suits with information about distribution of the hand.

#### Select bid

Selecting a bid from all available bids is done by evaluating all bids, and than choosing the one with the highest priority of all possible bids. A bid is evaluated to 'possible bid' if the actual hand fits all rules in at least one rule set. For the evaluation process, several parameters are used that modify the HCP count of the hand, based on fit or distribution. These parameters can be set globally for default values, and locally for specific bids. For example: calculate on basis of fit in fit showing bids.

#### Do bid

Doing a bid means bidding it. This results in two actions:

the bid is added to the bidding sequence the registers for this player are updated with the new information from the executed bid definition and the actual bidding. The registers opening and trump suit will only change value if this is specified in the bid definitions. The registers first suit, second suit, third suit and fourth suit can be updated from the bid definitions, but there is also an automatic update. This update has two forms: either it registers the suits bid in order of bidding, or it registers the suits promised in order of length (four card suits or longer).

#### **Improving the system**

There are two methods of improving the performance of the system:

- 1. adding conventions
- 2. improving the core contexts

The first method is used for improving the performance of the system very locally. It specialises the bidding in a very well described situation into a very well described question and answer pattern. This is very useful in practice and for certain situations. But theoretically it is not the most interesting method.

The second method improves the performance of the total system in a multitude of situations by changing the rules of bidding and defining new and complete contexts.

In general, the first method of improvement is used for settled systems that need small changes to cater for minor system flaws. The second method is used when designing new or greatly improved systems.

Since it is very difficult to envision the effect of the dramatic changes the second method makes, the use of computer simulation of large numbers of hands is virtually inescapable.

# Table 'Natural Bidding System Layout'

Context	Partial context	Bid Definition	(Partial) Context
Natural System	Openings	1 Club	Nonforcing nonfit
		1 Diamond	Nonforcing nonfit
		1 Heart	Nonforcing nonfit
		1 Spade	Nonforcing nonfit
		opening pass	Natural System
	Overcalls	Information DBL	Nonforcing nonfit
		Direct Overcall 1 NT	Nonforcing nonfit
		Direct Overcall 1 level	Nonforcing nonfit
		Direct Overcall 2 level	Nonforcing nonfit
		Overcall pass - 1 level	Balancing bids
			Nonforcing nonfit
		Overcall pass	Overcalls
Nonforcing nonfit	New suit bids - forcing	Jump to 2 level first suit	Catch all bids - first NT
J		·	Forcing nonfit
		Jump to 3 level first suit	Catch all bids - first in
		·	opening suit
			Forcing nonfit
		New suit 1 level	Catch all bids - first NT
			Forcing nonfit
		New suit 2 level low	Catch all bids - first in
			opening suit
			Forcing nonfit
		New suit 2 level second	Catch all bids - first in
		suit	opening suit
			Forcing nonfit
		New suit 2 level high	Catch all bids - first NT
			Forcing nonfit
		New suit 2 level other	Catch all bids - first NT
			Forcing nonfit
		New suit 3 level low	Catch all bids - first in
			opening suit
			Forcing nonfit
		New suit 3 level second	Catch all bids - first in
		suit	opening suit
			Forcing nonfit
		New suit 3 level high	Catch all bids - first NT
			Forcing nonfit
		New suit 3 level other	Catch all bids - first NT
			Forcing nonfit
	Fit showing cuebid	Fit showing cuebid – Club	Slam investigation
		fit	Nonforcing nonfit
		Fit showing cuebid – Dia-	Slam investigation
		mond fit	Nonforcing nonfit
		Fit showing cuebid - Heart	Slam investigation
		fit	Nonforcing nonfit
		Fit showing cuebid – Spade	Slam investigation
		fit	Nonforcing nonfit
	Rebid own suit(s)	Nonjump rebid first suit	Nonforcing – partial con-
		one level up	text
		-	Forcing nonfit
		Nonjump rebid first suit	Nonforcing – partial con-
		same level	text
			Forcing nonfit
	ļ	<b>!</b>	<del> </del>

	1	Jump rebid first suit	Nonforcing – partial con-
		Samp resia mac saic	text
			Forcing nonfit
	Major fit	2M – fit showing	Major game investigation
			Nonforcing nonfit
		3M - fit showing	Major game investigation
			Nonforcing nonfit
		4M – fit showing	Slam investigation
			Major game investigation
			Nonforcing nonfit
	Minor fit	2m – fit showing	Minor game investigation
			Nonforcing nonfit
		3m – fit showing	Minor game investigation
		and the state of t	Nonforcing nonfit
		5m – fit showing	Slam investigation
			Minor game investigation
			Nonforcing nonfit
	Slam investigation	Minor small slam	Nonforcing nonfit
		Major small slam	Nonforcing nonfit
		NT small slam	Nonforcing nonfit
	Notrumps	1NT	Catch all bids - pass
	15-5		Forcing nonfit
		2NT	Nonforcing nonfit
		3NT	Nonforcing nonfit
	Direct hand - notrumps	Competitive 1NT	Nonforcing nonfit
		Competitive 2NT	Nonforcing nonfit
		Competitive 3NT	Nonforcing nonfit
	Competitive (R)DBLs	Competitive negative	Catch all bids – first bid in
		(R)DBL 1 level	opening suit
			Forcing nonfit
		Competitive DBL opener 1 level	Catch all bids – first bid in
			opening suit
			Forcing nonfit
	Nonforcing	Nonforcing pass 1 level	Last hand competitive
	a a a g		bidding 1 level
			Nonforcing nonfit
		Nonforcing pass 2 level	Last hand competitive
			bidding 2 level
			Nonforcing nonfit
		Nonforcing pass 3 level	Last hand competitive
			bidding 3 level
			Nonforcing nonfit
		Nonforcing pass 4 level	Last hand pass
		and higher	Nonforcing nonfit
		Nonforcing pass	Last hand pass
			Nonforcing nonfit
Forcing nonfit	Forcing	No pass allowed	-
. J.	Fit showing cuebid	as above	
	Rebid own suit(s)	as above	
	Redia Own Suids)		
		as above	
	Major fit Minor fit		
	Major fit Minor fit	as above as above	Nonforcing nonfit
	Major fit	as above as above New suit 1 level nonforcing	Nonforcing nonfit
	Major fit Minor fit	as above as above New suit 1 level nonforcing New suit 2 level low non-	Nonforcing nonfit Nonforcing nonfit
	Major fit Minor fit	as above as above New suit 1 level nonforcing New suit 2 level low nonforcing	Nonforcing nonfit
	Major fit Minor fit	as above as above New suit 1 level nonforcing New suit 2 level low nonforcing New suit 2 level second	=
	Major fit Minor fit	as above as above New suit 1 level nonforcing New suit 2 level low nonforcing	Nonforcing nonfit

		New suit 2 level other non- forcing	Nonforcing nonfit
		New suit 3 level low non- forcing	Nonforcing nonfit
		New suit 3 level second suit nonforcing	Nonforcing nonfit
		New suit 3 level high non- forcing	Nonforcing nonfit
		New suit 3 level other non- forcing	Nonforcing nonfit
	Slam investigation		
		as above	
	Notrumps	as above	
	Direct hand – notrumps	as above	
	Competitive (R)DBLs	as above	
	Nonforcing – partial context	as above	
Catch all bids	Catch all bids - first NT	Catch all first notrump	Nonforcing nonfit
		Catch all cuebid	Catch all - partners open-
			ing suit
			Catch all - first bid in open-
			ing suit
			Forcing nonfit
	Catch all – partners open- ing suit	Catch all bids - partners opening suit	Nonforcing nonfit
	Catch all – first bid in open-	Catch all bids - first bid in	Nonforcing nonfit
	ing suit	opening suit	
Overcalls	Balancing bids	Last hand balance bid 1	Nonforcing nonfit
		Last hand balance bid 2	Nonforcing nonfit
		level	
		Last hand balancing DBL	Nonforcing nonfit
		Last hand pass	-
	Overcalls	as above	
Major game investigation	Major game trials forcing		
Major game investigation	Major fit	as above	
	Nonforcing	as above	
Minor game investigation	Minor game trials forcing		
willor game investigation	Minor fit		
		as above	
Look bound commentations 4	Nonforcing	as above	Nanfausing nanfit
Last hand competitive 1 level	Last hand competitive 1 level	Last hand rebid own suit 2 level	Nonforcing nonfit
		Last hand competitive raise 2 level	Nonforcing nonfit
		Last hand competitive suit 1 level	Nonforcing nonfit
		Last hand competitive DBL	Catch all partners opening suit
			Catch all first bid in open-
			ing suit Catch all bids pass
		Lost hand noss	Nonforcing nonfit
Loot hand samuetiting C	Loot hand commetitive C	Last hand pass	Nonforcing posfit
Last hand competitive 2 level	Last hand competitive 2 level	Last hand competitive raise 2 level	Nonforcing nonfit
		Last hand competitive raise 3 level	Nonforcing nonfit
		Last hand balance bid 2	Nonforcing nonfit
		level	
		Last hand pass	-

Last hand competitive 3	Last hand competitive 3	Last hand competitive	Nonforcing nonfit
level	level	raise 3 level	
		Last hand pass	-

## Full system definition Natural Bidding System

This Bidding System File is created with Anubis Bridge. Because of the large size of the system, the definition is squeezed into two columns in a small nonproportional font, and the margins are widened.

The definition starts with the basic opening structure. Deeper in the structure, bids refer to several full contexts. These contexts are defined in the latter part of the system definition. The bid definition names are preceded by their level in the hierarchy. This does not correspond to the number of the bid in the bidding sequence, because both group definitions and actual bid definitions are numbered as a level. When groups are used that only contain groups, they are handled as full contexts. This means the definitions are not explicated in the system definition itself, but below.

All bid definitions contain several sections, containing the information defining the bid:

REL> contains the relations for the sequence at hand, so this section can change when the same bid definition is referred to from several other bid definitions.

NNA> the name of the bid definition

OWB> the 'own b ids' section, that defines what bids can be done with the described meaning OPB> the 'opponents bids' section, that defines after what bids of opponents the bid definition is 'on'. BRU> bidding rules, the actual definition of the meaning of the bid, refering to aspects of the hand. There can be several rule sets, and the information in the rule sets is made public when a bid is done. BRE> bidding registers, the registers contain values refered to by bidding rules in the bidding. For example when a bid defines the trump suit by setting the trump suit register, Roman Keycard Blackwood knows which king to count in the situation at hand.

Because of the large amounts of information that constitutes a full definition of a bidding system, the workings of the system described below may be difficult to comprehend fully only by reading it. To see how it works in practice, I refer to Anubis Bridge, the program developed to build and maintain systems defined in this manner.

Also, there is one aspect of the bidding system not available in this description: the setting of the bidding parameters. This is mostly irrelevant, because most parameters are only used for hand evaluation purposes. But one parameter does matter: the 0 priority in bidding option. This is used for catch all bids and passes throughout the system. These are bids that have high priority in ranking and therefore bid allocation, but low priority in the bid selection. This principle is explained in more detail in the main text above.

#### 0-[Natural System]

```
This is the definition of a natural system. The system uses very few
 conventional treatments. And has a basic, all four card, opening approach.
I-[Openings - Partial Context]
 2-Opening I NT
   REL> Any Bid
     Standard I NT opening.
     NNA > Opening I NT
     OWB> INT
     OPB > Pass
     BRU> +++++++ Rule Set | ++++++
     BRU > 15 - 17 HCP
     BRU > 2 - 4 Spades; 2 - 4 Hearts; 2 - 5 Diamonds; 2 - 5 Clubs;
     BRU > 4 - 5 in a Suit #1
     BRU> 3 - 4 in a Suit #2
     BRU > 3 - 3 in a Suit #3
     BRU > 2 - 3 in a Suit #4
     BRE > Opening suit = None
     BRE > Trump suit = None
     BRE > First suit = None
     BRE > Second suit = None
     BRE > Third suit = None
     BRE > Fourth Suit = None
   3-Stayman 2C
     REL> Any Bid
       Simple Stayman, with three replies by opener.
       NNA > Stayman 2C
       OWB> 20
```

```
BRU> +++++++ Rule Set | ++++++
 BRU> In our hands 23 - 40 HCP
 BRU > 4 - 4 Spades; 0 - 4 Hearts;
 BRU> 0 - 40 HCP
 BRU> ++++++ Rule Set 2 ++++++
 BRU > 0 - 4 Spades; 4 - 4 Hearts;
 BRU > In our hands 23 - 40 HCP
 BRE > Opening suit = None
 BRE > Trump suit = None
 BRE > First suit = None
 BRE > Second suit = None
 BRE > Third suit = None
 BRE > Fourth Suit = None
4-Stayman 2C - 2H Reply
 REL> Any Bid
   NNA > Stayman 2C - 2H Reply
   0WB> 2H
   OPB > Pass
   BRU> +++++++ Rule Set | ++++++
   BRU > 4 - 4 Hearts;
   BRE > Opening suit = None
   BRE > Trump suit = None
   BRE > First suit = None
   BRE > Second suit = None
   BRE > Third suit = None
   BRE > Fourth Suit = None
 5-[NonForcing NonFit situation]
     Full context, contains the bidding in a nonforcing situation.
```

```
Pass is an option, most bids on the same level or on the next
                                                                                   5-[NonForcing NonFit situation]
        level but below the opening suit are nonforcing and do not
                                                                                 4-[NonForcing NonFit situation]
        promise extra values.
                                                                               3-Jacoby 2H
  4-Stayman 2C - 2S Reply
                                                                                 REL> Any Bid
    REL> Any Bid
                                                                                   Jacoby transfer to spades
     NNA > Stayman 2C - 2S Reply
                                                                                   NNA > Jacoby 2H
     OWB> 2S
                                                                                   OWB> 2H
     OPB > Pass
                                                                                   OPB > Pass
     BRU> +++++++ Rule Set | ++++++
                                                                                   BRU> +++++++ Rule Set | ++++++
     BRU > 4 - 4 Spades; 0 - 3 Hearts;
                                                                                   BRU > 5 - 13 Spades;
     BRE > Opening suit = None
                                                                                   BRE > Opening suit = None
     BRE > Trump suit = None
                                                                                   BRE > Trump suit = None
     BRE > First suit = None
                                                                                   BRE > First suit = None
     BRE > Second suit = None
                                                                                   BRE > Second suit = None
     BRE > Third suit = None
                                                                                   BRE > Third suit = None
                                                                                   BRE > Fourth Suit = None
     BRE > Fourth Suit = None
    5-[NonForcing NonFit situation]
                                                                                 4-Jacoby Reply
  4-Stayman 2C - 2D Reply
                                                                                   REL> First Step
    REL> Any Bid
                                                                                 4-[NonForcing NonFit situation]
     NNA > Stayman 2C - 2D Reply
                                                                               3-[NonForcing NonFit situation]
     OWB> 2D
                                                                             2-Opening I Club
     OPB > Pass
                                                                               REL> Any Bid
     BRU> +++++++ Rule Set | ++++++
                                                                                 NNA > Opening I Club
     BRU> 0 - 40 HCP
                                                                                 OWB> IC
     BRU > 0 - 3 Spades; 0 - 3 Hearts;
                                                                                 OPB > Pass
                                                                                 BRU> +++++++ Rule Set | ++++++
     BRE > Opening suit = None
     BRE > Trump suit = None
                                                                                 BRU> 12 - 19 HCP
     BRE > First suit = None
                                                                                 BRU > 2 - 4 Spades; 2 - 4 Hearts; I - 4 Diamonds; 4 - 4 Clubs;
     BRE > Second suit = None
                                                                                 BRU> +++++++ Rule Set 2 ++++++
     BRE > Third suit = None
                                                                                 BRU> 12 - 19 HCP
     BRE > Fourth Suit = None
                                                                                 BRU > 5 - 5 Clubs; 0 - 4 Diamonds; 0 - 4 Hearts; 0 - 4 Spades;
    5-[NonForcing NonFit situation]
                                                                                 BRU> +++++++ Rule Set 3 +++++++
3-Jacoby 2D
                                                                                 BRU> 12 - 19 HCP
  REL> Any Bid
                                                                                 BRU > 6 - 6 Clubs; 0 - 5 Diamonds; 0 - 5 Hearts; 0 - 5 Spades;
                                                                                 BRU> +++++++ Rule Set 4 +++++++
   Jacoby transfer to hearts
    NNA> Jacoby 2D
                                                                                 BRU> 12 - 19 HCP
    OWB> 2D
                                                                                 BRU > 7 - 13 Clubs; 0 - 6 Diamonds; 0 - 6 Hearts; 0 - 6 Spades;
    OPB > Pass
                                                                                 BRU> +++++++ Rule Set 5 +++++++
    BRU> +++++++ Rule Set | ++++++
                                                                                 BRU> 17 - 19 HCP
    BRU > 5 - 13 Hearts;
                                                                                 BRU > 0 - 5 Spades; 0 - 5 Hearts; 0 - 5 Diamonds; 5 - 5 Clubs;
    BRE > Opening suit = None
                                                                                 BRE > Opening suit = Clubs
    BRE > Trump suit = None
                                                                                 BRE > Trump suit = None
    BRE > First suit = None
                                                                                 BRE > First suit = None
    BRE > Second suit = None
                                                                                 BRE > Second suit = None
    BRE > Third suit = None
                                                                                 BRE > Third suit = None
    BRE > Fourth Suit = None
                                                                                 BRE > Fourth Suit = None
                                                                               3-[Jumps First Suit - partial context]
  4-Jacoby Reply
    REL> Any Bid
                                                                                 4-Jump to 2 Level First Suit
     NNA> Jacoby Reply
                                                                                   REL> Single jump lower suit
     OWB> 2H, 2S
                                                                                     NNA > Jump to 2 Level First Suit
     OPB > Pass
                                                                                     CON > Suit Bid not the same suit as Any Suit bid by us
     BRU> +++++++ Rule Set | ++++++
                                                                                     CON> Suit Bid not the same suit as Any Suit bid by opponents
     BRU> 0 - 40 HCP
                                                                                     CON > Suit Bid higher or equal ranking suit than Partners opening
     BRE > Opening suit = None
                                                                                     Suit
     BRE > Trump suit = None
                                                                                     OWB> 2C, 2D, 2H, 2S
     BRE > First suit = None
                                                                                     OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H
                                                                                     BRU> +++++++ Rule Set | ++++++
     BRE > Second suit = None
                                                                                     BRU> In our hands 24 - 40 HCP
     BRE > Third suit = None
                                                                                     BRU > 6 - 13 in the suit bid
     BRE > Fourth Suit = None
```

```
BRU > 3 - 5 Tops of five in the suit bid
                                                                                           BRE > Second suit = None
 BRU > 1 - 2 Tops of two in the suit bid
                                                                                           BRE > Third suit = None
 BRE > Opening suit = None
                                                                                           BRE > Fourth Suit = None
 BRE > Trump suit = None
                                                                                         9-[NonForcing NonFit situation]
 BRE > First suit = None
                                                                                     7-[Catch all bids - first bid in opening suit]
 BRE > Second suit = None
                                                                                       8-Catch all Opening Suit
 BRE > Third suit = None
                                                                                         REL> Same level
  BRE > Fourth Suit = None
                                                                                         REL> One level up, lower suit
5-[Catch all bids - first NT bid]
                                                                                            NNA > Catch all Opening Suit
  6-Catch all First NoTrump
                                                                                           CON> Suit Bid same suit as My opening Suit
    REL> Same level
                                                                                           OWB > 1C, 1D, 1H, 1S, 2C, 2D, 2H, 2S, 3C, 3D, 3H, 3S, 4C,
     NNA > Catch all First NoTrump
                                                                                           4D, 4H, 4S, 5C, 5D, 5H, 5S, 6C, 6D, 6H, 6S
     CON> Suit Bid lower or equal ranking suit than Any Suit bid by
                                                                                           OPB > Pass
                                                                                           BRU> +++++++ Rule Set | ++++++
     OWB> INT, 2NT, 3NT, 4NT, 5NT, 6NT
                                                                                           BRU> 0 - 40 HCP
                                                                                           BRU> 5 - 13 in the suit bid
     OPB > Pass
     BRU> +++++++ Rule Set | ++++++
                                                                                           BRE > Opening suit = None
     BRU > In our hands 0 - 7 Spades
                                                                                           BRE > Trump suit = None
                                                                                           BRE > First suit = None
     BRU > In our hands 0 - 7 Hearts
     BRU > In our hands 0 - 8 Diamonds
                                                                                           BRE > Second suit = None
     BRU > In our hands 0 - 8 Clubs
                                                                                           BRE > Third suit = None
     BRE > Opening suit = None
                                                                                           BRE > Fourth Suit = None
     BRE > Trump suit = None
                                                                                         9-[NonForcing NonFit situation]
     BRE > First suit = None
                                                                                     7-[Forcing NonFit situation]
     BRE > Second suit = None
                                                                                 5-[Forcing NonFit situation]
     BRE > Third suit = None
                                                                               4-Jump to 3 Level First Suit
     BRE > Fourth Suit = None
                                                                                 REL > Single jump lower suit
    7-[NonForcing NonFit situation]
                                                                                   NNA > Jump to 3 Level First Suit
 6-Catch all Cuebid
                                                                                   CON> Suit Bid not the same suit as Any Suit bid by opponents
    REL> Same level
                                                                                   CON > Suit Bid not the same suit as Any Suit bid by us
    REL> One level up, lower suit
                                                                                   CON> Suit Bid lower or equal ranking suit than Partners opening Suit
     NNA > Catch all Cuebid
                                                                                   OWB> 3C, 3D, 3H, 3S
     CON > Suit Bid same suit as Any Suit bid by opponents
                                                                                   OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C,
     OWB> 1C, 1D, 1H, 1S, 2C, 2D, 2H, 2S, 3C, 3D, 3H, 3S, 4C, 4D,
                                                                                   BRU> +++++++ Rule Set | ++++++
                                                                                   BRU> In our hands 24 - 40 HCP
     OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT,
                                                                                   BRU > 6 - 13 in the suit bid
     3C, 3D, 3H, 3S, 3NT, 4C, 4D, 4H
     BRU> +++++++ Rule Set | ++++++
                                                                                   BRE > Opening suit = None
     BRU > 0 - 40 HCP
                                                                                   BRE > Trump suit = None
     BRE > Opening suit = None
                                                                                   BRE > First suit = None
     BRE > Trump suit = None
                                                                                   BRE > Second suit = None
     BRE > First suit = None
                                                                                   BRE > Third suit = None
     BRE > Second suit = None
                                                                                   BRE > Fourth Suit = None
     BRE > Third suit = None
                                                                                 5-[Catch all bids - first bid in opening suit]
     BRE > Fourth Suit = None
                                                                                 5-[Forcing NonFit situation]
    7-[Catch all - Partners Opening Suit]
                                                                             3-[NonForcing NonFit situation]
     8-Catch all bids - partners opening suit
                                                                           2-Opening I Diamond
       REL> Same level
                                                                              REL > Any Bid
       REL> One level up, lower suit
                                                                               NNA > Opening I Diamond
          NNA > Catch all bids - partners opening suit
                                                                               OWB> ID
          CON > Suit Bid same suit as Partners opening Suit
                                                                               OPB > Pass
                                                                               BRU> +++++++ Rule Set | ++++++
          OWB > 1C, 1D, 1H, 1S, 2C, 2D, 2H, 2S, 3C, 3D, 3H, 3S, 4C,
                                                                               BRU> 12 - 19 HCP
          4D, 4H, 4S, 5C, 5D, 5H, 5S
                                                                               BRU > 0 - 4 Spades; 0 - 4 Hearts; 4 - 4 Diamonds; 0 - 3 Clubs;
          OPB > Pass
          BRU> +++++++ Rule Set | ++++++
                                                                               BRU> +++++++ Rule Set 2 ++++++
          BRU> 0 - 40 HCP
                                                                               BRU> 12 - 19 HCP
                                                                               BRU > 4 - 4 Spades; I - I Hearts; 4 - 4 Diamonds; 4 - 4 Clubs;
          BRE > Opening suit = None
                                                                               BRU> +++++++ Rule Set 3 +++++++
          BRE > Trump suit = None
```

BRU> 12 - 19 HCP

BRE > First suit = None

```
BRU > 5 - 5 Diamonds; 0 - 5 Clubs; 0 - 4 Hearts; 0 - 4 Spades;
                                                                                 BRU > 5 - 5 Spades; 0 - 5 Hearts; 0 - 5 Diamonds; 0 - 5 Clubs;
   BRU> +++++++ Rule Set 4 ++++++
                                                                                 BRU> +++++++ Rule Set 3 +++++++
   BRU> 17 - 19 HCP
                                                                                 BRU> 12 - 19 HCP
   BRU > 0 - 5 Spades; 0 - 5 Hearts; 5 - 5 Diamonds; 0 - 4 Clubs;
                                                                                 BRU > 6 - 6 Spades; 0 - 5 Hearts; 0 - 5 Diamonds; 0 - 5 Clubs;
   BRU> +++++++ Rule Set 5 +++++++
                                                                                 BRU> +++++++ Rule Set 4 ++++++
   BRU> 12 - 19 HCP
                                                                                 BRU> 12 - 19 HCP
   BRU > 6 - 6 Diamonds; 0 - 6 Clubs; 0 - 5 Hearts; 0 - 5 Spades;
                                                                                 BRU > 7 - 13 Spades; 0 - 6 Hearts; 0 - 6 Diamonds; 0 - 6 Clubs;
   BRU> +++++++ Rule Set 6 ++++++
                                                                                 BRE > Opening suit = Spades
                                                                                 BRE > Trump suit = None
   BRU> 12 - 19 HCP
   BRU > 7 - 13 Diamonds; 0 - 6 Clubs; 0 - 6 Hearts; 0 - 6 Spades;
                                                                                 BRE > First suit = None
   BRE > Opening suit = Diamonds
                                                                                 BRE > Second suit = None
   BRE > Trump suit = None
                                                                                 BRE > Third suit = None
   BRE > First suit = None
                                                                                 BRE > Fourth Suit = None
   BRE > Second suit = None
                                                                               3-[[umps First Suit - partial context]
   BRE > Third suit = None
                                                                               3-[NonForcing NonFit situation]
   BRE > Fourth Suit = None
                                                                             2-Direct Pass
 3-[lumps First Suit - partial context]
                                                                               REL > Any Bid
 3-[NonForcing NonFit situation]
                                                                                 NNA > Direct Pass
                                                                                 OWB> Pass
2-Opening I Heart
 REL> Any Bid
                                                                                 OPB > Pass
                                                                                 BRU> +++++++ Rule Set | ++++++
   NNA > Opening | Heart
   OWB> IH
                                                                                 BRU> 0 - 12 HCP
   OPB > Pass
                                                                                 BRE > Opening suit = None
   BRU> +++++++ Rule Set | ++++++
                                                                                 BRE > Trump suit = None
   BRU> 12 - 19 HCP
                                                                                 BRE > First suit = None
   BRU > 0 - 4 Spades; 4 - 4 Hearts; 0 - 3 Diamonds; 0 - 3 Clubs;
                                                                                 BRE > Second suit = None
   BRU> +++++++ Rule Set 2 +++++++
                                                                                 BRE > Third suit = None
   BRU> 12 - 19 HCP
                                                                                 BRE > Fourth Suit = None
   BRU > I - I Spades; 4 - 4 Hearts; 4 - 4 Diamonds; 4 - 4 Clubs;
                                                                               3-[Natural System]
   BRU> +++++++ Rule Set 3 +++++++
                                                                           I-[Overcalls - Partial context]
   BRU> 12 - 19 HCP
                                                                             2-Information DBL
   BRU > 0 - 4 Spades; 5 - 5 Hearts; 0 - 5 Diamonds; 0 - 5 Clubs;
                                                                               REL > Any Bid
   BRU> +++++++ Rule Set 4 ++++++
                                                                                 NNA> Information DBL
   BRU> 17 - 19 HCP
                                                                                 OWB> DBL
   BRU > 0 - 5 Spades; 5 - 5 Hearts; 0 - 4 Diamonds; 0 - 4 Clubs;
                                                                                 OPB > Pass, IC, ID, IH, IS
   BRU> +++++++ Rule Set 5 ++++++
                                                                                 BRU> +++++++ Rule Set | ++++++
                                                                                 BRU> 12 - 40 HCP
   BRU> 12 - 19 HCP
   BRU > 6 - 6 Hearts; 0 - 5 Spades; 0 - 6 Diamonds; 0 - 6 Clubs;
                                                                                 BRU > 4 - 5 in a Suit #1
   BRU> +++++++ Rule Set 6 ++++++
                                                                                 BRU > 4 - 4 in a Suit #2
   BRU> 12 - 19 HCP
                                                                                 BRU > 3 - 4 in a Suit #3
   BRU > 7 - 13 Hearts; 0 - 6 Spades; 0 - 6 Diamonds; 0 - 6 Clubs;
                                                                                 BRU > 0 - 2 in a Suit #4
   BRE > Opening suit = Hearts
                                                                                 BRU > 0 - 2 in RHO first suit
                                                                                 BRU > 0 - 2 in LHO first suit
   BRE > Trump suit = None
   BRE > First suit = None
                                                                                 BRE > Opening suit = None
   BRE > Second suit = None
                                                                                 BRE > Trump suit = None
   BRE > Third suit = None
                                                                                 BRE > First suit = None
   BRE > Fourth Suit = None
                                                                                 BRE > Second suit = None
 3-[lumps First Suit - partial context]
                                                                                 BRE > Third suit = None
 3-[NonForcing NonFit situation]
                                                                                 BRE > Fourth Suit = None
2-Opening I Spade
                                                                               3-[NonForcing NonFit situation]
 REL> Any Bid
                                                                             2-Direct Overcall I NT
   NNA > Opening | Spade
                                                                               REL> Any Bid
   0WB> 1S
                                                                                 NNA> Direct Overcall I NT
                                                                                 OWB> INT
   OPB > Pass
   BRU> +++++++ Rule Set | ++++++
                                                                                 OPB > IC, ID, IH, IS
   BRU> 12 - 19 HCP
                                                                                 BRU> +++++++ Rule Set | ++++++
   BRU > 4 - 4 Spades; 0 - 3 Hearts; 0 - 3 Diamonds; 0 - 3 Clubs;
                                                                                 BRU> 15 - 18 HCP
   BRU> +++++++ Rule Set 2 +++++++
                                                                                 BRU > 4 - 5 in a Suit #1
   BRU> 12 - 19 HCP
                                                                                 BRU > 3 - 4 in a Suit #2
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BRU > 3 - 3 in a Suit #3
                                                                                   NNA> Overcall Pass - I Level
                                                                                   OWB> Pass
   BRU > 2 - 3 in a Suit #4
   BRU > 2 - 4 Spades; 2 - 4 Hearts; 2 - 5 Diamonds; 2 - 5 Clubs;
                                                                                   OPB > IC, ID, IH, IS
   BRU> 3 - 5 in RHO first suit
                                                                                   BRU> +++++++ Rule Set | ++++++
   BRU > I - 2 Tops of two in RHO first suit
                                                                                   BRU> 0 - 40 HCP
   BRE > Opening suit = None
                                                                                   BRE > Opening suit = None
   BRE > Trump suit = None
                                                                                   BRE > Trump suit = None
   BRE > First suit = None
                                                                                   BRE > First suit = None
   BRE > Second suit = None
                                                                                   BRE > Second suit = None
   BRE > Third suit = None
                                                                                   BRE > Third suit = None
   BRE > Fourth Suit = None
                                                                                   BRE > Fourth Suit = None
 3-[NonForcing NonFit situation]
                                                                                 3-[Balancing Bids - partial context]
2-Direct Overcall I Level
                                                                                     Last hand actions when the bidding stops low, mostly based on shape,
 REL > Any Bid
   NNA> Direct Overcall I Level
                                                                                   4-Last Hand Balance Bid I Level
                                                                                     REL> Any Bid
   OWB> IC, ID, IH, IS
   OPB > IC, ID, IH, IS
                                                                                       NNA> Last Hand Balance Bid I Level
   BRU> +++++++ Rule Set | ++++++
                                                                                       CON> Suit Bid not the same suit as Any Suit bid by opponents
   BRU> 8 - 11 HCP
                                                                                       OWB> IC, ID, IH, IS
   BRU > 5 - 13 in the suit bid
                                                                                       OPB > Pass
                                                                                       BRU> +++++++ Rule Set | ++++++
   BRU> I - 2 Tops of two in the suit bid
   BRU> +++++++ Rule Set 2 ++++++
                                                                                       BRU> 8 - 11 HCP
   BRU> 12 - 40 HCP
                                                                                       BRU > 5 - 13 in the suit bid
   BRU > 5 - 13 in the suit bid
                                                                                       BRU> +++++++ Rule Set 2 ++++++
   BRE > Opening suit = Suit bid
                                                                                       BRU> 6 - 7 HCP
                                                                                       BRU > 6 - 13 in the suit bid
   BRE > Trump suit = None
   BRE > First suit = None
                                                                                       BRE > Opening suit = None
   BRE > Second suit = None
                                                                                       BRE > Trump suit = None
   BRE > Third suit = None
                                                                                       BRE > First suit = None
   BRE > Fourth Suit = None
                                                                                       BRE > Second suit = None
 3-[NonForcing NonFit situation]
                                                                                       BRE > Third suit = None
2-Direct Overcall 2 Level
                                                                                       BRE > Fourth Suit = None
 REL> Any Bid
                                                                                     5-[NonForcing NonFit situation]
   NNA > Direct Overcall 2 Level
                                                                                   4-Last Hand Balance Bid 2 Level
   CON> Suit Bid not the same suit as Any Suit bid by opponents
                                                                                     REL> Any Bid
   CON> Suit Bid lower or equal ranking suit than Any Suit bid by opponents
                                                                                       NNA> Last Hand Balance Bid 2 Level
   OWB> 2C, 2D, 2H, 2S
                                                                                       CON> Suit Bid not the same suit as Any Suit bid by opponents
   OPB > IC, ID, IH, IS
                                                                                       OWB> 2C, 2D, 2H, 2S
                                                                                       OPB > Pass
   BRU> +++++++ Rule Set | ++++++
   BRU> 10 - 12 HCP
                                                                                       BRU> +++++++ Rule Set | ++++++
   BRU > 5 - 13 in the suit bid
                                                                                       BRU> 8 - 11 HCP
                                                                                       BRU > 5 - 13 in the suit bid
   BRU > 2 - 4 Tops of four in the suit bid
                                                                                       BRU> +++++++ Rule Set 2 ++++++
   BRU > 1 - 2 Tops of two in the suit bid
   BRU> +++++++ Rule Set 2 ++++++
                                                                                       BRU> 6 - 7 HCP
                                                                                       BRU > 6 - 13 in the suit bid
   BRU> 13 - 40 HCP
   BRU > 5 - 13 in the suit bid
                                                                                       BRE > Opening suit = None
   BRU> +++++++ Rule Set 3 +++++++
                                                                                       BRE > Trump suit = None
   BRU > 10 - 40 HCP
                                                                                       BRE > First suit = None
   BRU > 6 - 13 in the suit bid
                                                                                       BRE > Second suit = None
                                                                                       BRE > Third suit = None
   BRU> I - 2 Tops of two in the suit bid
   BRE > Opening suit = Suit bid
                                                                                       BRE > Fourth Suit = None
   BRE > Trump suit = None
                                                                                     5-[NonForcing NonFit situation]
   BRE > First suit = None
                                                                                   4-Last Hand Balancing DBL
   BRE > Second suit = None
                                                                                     REL> Any Bid
   BRE > Third suit = None
                                                                                       NNA > Last Hand Balancing DBL
   BRE > Fourth Suit = None
                                                                                       OWB> DBL
                                                                                       OPB > Pass
 3-[NonForcing NonFit situation]
                                                                                       BRU> +++++++ Rule Set | ++++++
2-Overcall Pass - I Level
 REL > Any Bid
                                                                                       BRU> 10 - 40 HCP
```

```
BRU> 3 - 4 in a Suit #1
                                                                                         BRE > First suit = None
           BRU> 3 - 4 in a Suit #2
                                                                                         BRE > Second suit = None
           BRU> 3 - 4 in a Suit #3
                                                                                         BRE > Third suit = None
           BRU> 0 - 2 in a Suit #4
                                                                                         BRE > Fourth Suit = None
           BRU > 0 - 2 in LHO first suit
                                                                                       3-[Major game (investigation) - partial context]
           BRU > 0 - 2 in RHO first suit
                                                                                       3-[NonForcing NonFit situation]
           BRE > Opening suit = None
                                                                                           Full context, contains the bidding in a nonforcing situation. Pass is
           BRE > Trump suit = None
                                                                                           an option, most bids on the same level or on the next level but below
           BRE > First suit = None
                                                                                           the opening suit are nonforcing and do not promise extra values.
           BRE > Second suit = None
                                                                                     2-3M - Fit showing
           BRE > Third suit = None
                                                                                       REL > Any Bid
           BRE > Fourth Suit = None
                                                                                         NNA > 3M - Fit showing
          5-[NonForcing NonFit situation]
                                                                                         CON > Suit Bid same suit as Any Suit bid by us
        4-Last hand pass
                                                                                         OWB> 3H, 3S
          REL> Any Bid
                                                                                         OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
           NNA > Last hand pass
           OWB > Pass
                                                                                         BRU> +++++++ Rule Set | ++++++
           OPB > Pass
                                                                                         BRU> In our hands 22 - 23 HCP
           BRU> +++++++ Rule Set | ++++++
                                                                                         BRU > In our hands 8 - 9 in the suit bid
           BRU> 0 - 40 HCP
                                                                                         BRE > Opening suit = None
                                                                                         BRE > Trump suit = Suit bid
           BRE > Opening suit = None
           BRE > Trump suit = None
                                                                                         BRE > First suit = None
                                                                                         BRE > Second suit = None
           BRE > First suit = None
           BRE > Second suit = None
                                                                                         BRE > Third suit = None
           BRE > Third suit = None
                                                                                         BRE > Fourth Suit = None
           BRE > Fourth Suit = None
                                                                                       3-[Major game (investigation) - partial context]
     3-[Overcalls - Partial context]
                                                                                       3-[NonForcing NonFit situation]
    2-Overcall pass
                                                                                     2-4M - Fit showing
     REL> Any Bid
                                                                                       REL> Any Bid
                                                                                         NNA > 4M - Fit showing
        NNA > Overcall pass
        OWB> Pass
                                                                                         CON > Suit Bid same suit as Any Suit bid by us
        OPB > Pass, DBL, RDBL, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D, 3H, 3S, 3NT,
                                                                                         OWB> 4H, 4S
        4C, 4D, 4H, 4S, 4NT, 5C, 5D, 5H, 5S, 5NT, 6C, 6D, 6H, 6S, 6NT, 7C, 7D,
                                                                                         OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
        7H, 7S, 7NT
                                                                                         3H, 3S, 3NT, 4C, 4D, 4H
        BRU> +++++++ Rule Set | ++++++
                                                                                         BRU> +++++++ Rule Set | ++++++
       BRU> 0 - 20 HCP
                                                                                         BRU > In our hands 24 - 31 HCP
                                                                                         BRU > In our hands 8 - 9 in the suit bid
       BRE > Opening suit = None
        BRE > Trump suit = None
                                                                                         BRU> +++++++ Rule Set 2 ++++++
        BRE > First suit = None
                                                                                         BRU > In our hands 0 - 31 HCP
                                                                                         BRU > In our hands 10 - 13 in the suit bid
        BRE > Second suit = None
        BRE > Third suit = None
                                                                                         BRE > Opening suit = None
        BRE > Fourth Suit = None
                                                                                         BRE > Trump suit = Suit bid
                                                                                         BRE > First suit = None
     3-[Overcalls - Partial context]
                                                                                         BRE > Second suit = None
O-[Major game (investigation) - partial context]
                                                                                         BRE > Third suit = None
                                                                                         BRE > Fourth Suit = None
  I-[Major Game Trials Forcing - partial context]
                                                                                       3-[Slam investigation]
  I-[Major fit - partial context]
                                                                                         4-Major Small Slam
    2-2M - Fit showing
                                                                                           REL> Any Bid
     REL> Any Bid
                                                                                             NNA > Major Small Slam
        NNA > 2M - Fit showing
                                                                                             OWB> 6H, 6S
        CON> Suit Bid same suit as Any Suit bid by us
                                                                                             OPB > Pass
        OWB> 2H, 2S
                                                                                             BRU> +++++++ Rule Set | ++++++
        OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H
                                                                                             BRU> 32 - 40 HCP
        BRU> +++++++ Rule Set | ++++++
                                                                                             BRU > 8 - 13 in the suit bid
        BRU > In our hands 18 - 21 HCP
                                                                                             BRE > Opening suit = None
       BRU > In our hands 8 - 9 in the suit bid
                                                                                             BRE > Trump suit = None
       BRE > Opening suit = None
                                                                                             BRE > First suit = None
        BRE > Trump suit = Suit bid
                                                                                             BRE > Second suit = None
```

```
BRE > Third suit = None
                                                                                          BRU > 6 - 13 in the suit bid
                                                                                          BRU> +++++++ Rule Set 2 +++++++
         BRE > Fourth Suit = None
       5-[NonForcing NonFit situation]
                                                                                          BRU > I - I Aces in the suit bid
                                                                                          BRU > 5 - 13 in the suit bid
     4-Minor Small Slam
       REL> Any Bid
                                                                                          BRU > 3 - 5 Tops of five in the suit bid
         NNA > Minor Small Slam
                                                                                          BRE > Opening suit = None
         OWB> 6C, 6D
                                                                                          BRE > Trump suit = None
         OPB > Pass
                                                                                          BRE > First suit = None
         BRU> +++++++ Rule Set | ++++++
                                                                                          BRE > Second suit = None
         BRU> 32 - 40 HCP
                                                                                         BRE > Third suit = None
         BRU > 9 - 13 in the suit bid
                                                                                          BRE > Fourth Suit = None
         BRE > Opening suit = None
                                                                                       5-[NonForcing NonFit situation]
         BRE > Trump suit = None
                                                                                      4-Last Hand Competitive Raise 2 Level
         BRE > First suit = None
                                                                                       REL> Any Bid
         BRE > Second suit = None
                                                                                          NNA > Last Hand Competitive Raise 2 Level
         BRE > Third suit = None
                                                                                          CON > Suit Bid same suit as Any Suit bid by us
         BRE > Fourth Suit = None
                                                                                          OWB> 2C, 2D, 2H, 2S
       5-[NonForcing NonFit situation]
                                                                                          OPB > Pass
                                                                                          BRU> +++++++ Rule Set | ++++++
     4-NT Small Slam
                                                                                          BRU > In our hands 8 - 13 in the suit bid
       REL > Any Bid
         NNA> NT Small Slam
                                                                                          BRU> +++++++ Rule Set 2 ++++++
         OWB> 6NT
                                                                                          BRU> In our hands 18 - 21 HCP
         OPB > Pass
                                                                                          BRU > 5 - 13 in the suit bid
         BRU> +++++++ Rule Set | ++++++
                                                                                          BRE > Opening suit = None
         BRU> 32 - 40 HCP
                                                                                          BRE > Trump suit = None
         BRE > Opening suit = None
                                                                                         BRE > First suit = None
         BRE > Trump suit = None
                                                                                         BRE > Second suit = None
                                                                                          BRE > Third suit = None
         BRE > First suit = None
         BRE > Second suit = None
                                                                                          BRE > Fourth Suit = None
         BRE > Third suit = None
                                                                                       5-[NonForcing NonFit situation]
         BRE > Fourth Suit = None
                                                                                      4-Last Hand Competitive Suit I Level
       5-[NonForcing NonFit situation]
                                                                                        REL > Any Bid
   3-[Major game (investigation) - partial context]
                                                                                          NNA > Last Hand Competitive Suit I Level
   3-[NonForcing NonFit situation]
                                                                                          OWB> IC, ID, IH, IS
I-[NonForcing - partial context]
                                                                                          OPB > Pass
                                                                                          BRU> +++++++ Rule Set | ++++++
   Nonforcing bidding, a pass is available for all hands that have no other
                                                                                          BRU > 4 - 13 in the suit bid
   bids available.
 2-Nonforcing pass I Level
                                                                                          BRU> In our hands 16 - 40 HCP
   REL > Any Bid
                                                                                          BRE > Opening suit = None
                                                                                          BRE > Trump suit = None
     NNA > Nonforcing pass I Level
     OWB > Pass
                                                                                         BRE > First suit = None
     OPB > IC, ID, IH, IS, INT
                                                                                          BRE > Second suit = None
     BRU> +++++++ Rule Set | ++++++
                                                                                         BRE > Third suit = None
     BRU> 0 - 40 HCP
                                                                                         BRE > Fourth Suit = None
     BRE > Opening suit = None
                                                                                       5-[NonForcing NonFit situation]
     BRE > Trump suit = None
                                                                                      4-Last Hand Competitive DBL
     BRE > First suit = None
                                                                                       REL> Any Bid
     BRE > Second suit = None
                                                                                          NNA > Last Hand Competitive DBL
     BRE > Third suit = None
                                                                                          OWB> DBL
     BRE > Fourth Suit = None
                                                                                         OPB > Pass
                                                                                          BRU> +++++++ Rule Set | ++++++
   3-[Last hand competitive bidding | Level - partial context]
                                                                                          BRU> In our hands 16 - 40 HCP
       Competitive actions in the last hand.
                                                                                          BRU> 3 - 5 in a Suit #1
     4-Last Hand Rebid Own Suit 2 Level
                                                                                          BRU> 3 - 5 in a Suit #2
       REL> Any Bid
         NNA> Last Hand Rebid Own Suit 2 Level
                                                                                         BRU> 3 - 5 in a Suit #3
         CON> Suit Bid same suit as My first Suit
                                                                                          BRU> 0 - 2 in a Suit #4
                                                                                          BRU > 0 - 2 in LHO first suit
         OWB> 2C, 2D, 2H, 2S
                                                                                          BRU > 0 - 2 in RHO first suit
         OPB > Pass
         BRU> +++++++ Rule Set | ++++++
                                                                                          BRE > Opening suit = None
```

```
BRE > Trump suit = None
                                                                                  REL> Any Bid
                                                                                    NNA > Last hand pass
   BRE > First suit = None
   BRE > Second suit = None
                                                                                    OWB> Pass
   BRE > Third suit = None
                                                                                    OPB > Pass
   BRE > Fourth Suit = None
                                                                                    BRU> +++++++ Rule Set | ++++++
 5-[Catch all - Partners Opening Suit]
                                                                                    BRU> 0 - 40 HCP
   6-Catch all bids - partners opening suit
                                                                                    BRE > Opening suit = None
     REL> Same level
                                                                                    BRE > Trump suit = None
     REL> One level up, lower suit
                                                                                    BRE > First suit = None
       NNA > Catch all bids - partners opening suit
                                                                                    BRE > Second suit = None
       CON > Suit Bid same suit as Partners opening Suit
                                                                                    BRE > Third suit = None
       OWB> IC, ID, IH, IS, 2C, 2D, 2H, 2S, 3C, 3D, 3H, 3S, 4C, 4D,
                                                                                    BRE > Fourth Suit = None
       4H, 4S, 5C, 5D, 5H, 5S
                                                                              3-[NonForcing NonFit situation]
       OPB > Pass
                                                                            2-Nonforcing pass 2 Level
       BRU> +++++++ Rule Set | ++++++
                                                                              REL> Any Bid
       BRU> 0 - 40 HCP
                                                                                NNA > Nonforcing pass 2 Level
       BRE > Opening suit = None
                                                                                OWB> Pass
       BRE > Trump suit = None
                                                                                OPB> 2C, 2D, 2H, 2S, 2NT
       BRE > First suit = None
                                                                                BRU> +++++++ Rule Set | ++++++
                                                                                BRU> 0 - 40 HCP
       BRE > Second suit = None
       BRE > Third suit = None
                                                                                BRE > Opening suit = None
       BRE > Fourth Suit = None
                                                                                BRE > Trump suit = None
     7-[NonForcing NonFit situation]
                                                                                BRE > First suit = None
 5-[Catch all bids - first bid in opening suit]
                                                                                BRE > Second suit = None
   6-Catch all Opening Suit
                                                                                BRE > Third suit = None
     REL> Same level
                                                                                BRE > Fourth Suit = None
     REL > One level up, lower suit
                                                                              3-[Last hand competitive bidding 2 Level - partial context]
       NNA > Catch all Opening Suit
                                                                                4-Last Hand Rebid Own Suit 2 Level
       CON > Suit Bid same suit as My opening Suit
                                                                                  REL> Any Bid
                                                                                4-Last Hand Competitive Raise 2 Level
       OWB> IC, ID, IH, IS, 2C, 2D, 2H, 2S, 3C, 3D, 3H, 3S, 4C, 4D,
       4H, 4S, 5C, 5D, 5H, 5S, 6C, 6D, 6H, 6S
                                                                                  REL > Any Bid
       OPB > Pass
                                                                                4-Last Hand Competitive Raise 3 Level
       BRU> +++++++
                                                                                  REL> Any Bid
       BRU > 0 - 40 HCP
                                                                                    NNA > Last Hand Competitive Raise 3 Level
       BRU > 5 - 13 in the suit bid
                                                                                    CON> Suit Bid same suit as Any Suit bid by us
       BRE > Opening suit = None
                                                                                    OWB> 3C, 3D, 3H, 3S
       BRE > Trump suit = None
                                                                                    OPB > Pass
       BRE > First suit = None
                                                                                    BRU> +++++++ Rule Set | ++++++
       BRE > Second suit = None
                                                                                    BRU > In our hands 9 - 13 in the suit bid
       BRE > Third suit = None
                                                                                    BRE > Opening suit = None
       BRE > Fourth Suit = None
                                                                                    BRE > Trump suit = None
     7-[NonForcing NonFit situation]
                                                                                    BRE > First suit = None
                                                                                    BRE > Second suit = None
 5-[Catch all bids - Pass]
   6-Catch all Pass
                                                                                    BRE > Third suit = None
                                                                                    BRE > Fourth Suit = None
     REL > Any Bid
       NNA> Catch all Pass
                                                                                  5-[NonForcing NonFit situation]
       OWB > Pass
                                                                                4-Last Hand Balance Bid 2 Level
       OPB > Pass
                                                                                  REL> Any Bid
       BRU> +++++++ Rule Set | ++++++
                                                                                    NNA> Last Hand Balance Bid 2 Level
       BRU > 0 - 40 HCP
                                                                                    CON> Suit Bid not the same suit as Any Suit bid by opponents
       BRE > Opening suit = None
                                                                                    OWB> 2C, 2D, 2H, 2S
       BRE > Trump suit = None
                                                                                    OPB > Pass
                                                                                    BRU> +++++++ Rule Set | ++++++
       BRE > First suit = None
                                                                                    BRU> 8 - 11 HCP
       BRE > Second suit = None
       BRE > Third suit = None
                                                                                    BRU > 5 - 13 in the suit bid
       BRE > Fourth Suit = None
                                                                                    BRU> +++++++ Rule Set 2 +++++++
                                                                                    BRU> 6 - 7 HCP
     7-[NonForcing NonFit situation]
 5-[Forcing NonFit situation]
                                                                                    BRU > 6 - 13 in the suit bid
4-Last hand pass
                                                                                    BRE > Opening suit = None
```

```
BRE > Trump suit = None
                                                                                     REL> Any Bid
       BRE > First suit = None
                                                                                   3-[NonForcing NonFit situation]
       BRE > Second suit = None
                                                                                 2-Nonforcing pass
                                                                                   REL> Any Bid
       BRE > Third suit = None
                                                                                     NNA > Nonforcing pass
       BRE > Fourth Suit = None
                                                                                     OWB> Pass
      5-[NonForcing NonFit situation]
    4-Last hand pass
                                                                                     OPB > Pass
      REL> Any Bid
                                                                                     BRU> +++++++ Rule Set | ++++++
 3-[NonForcing NonFit situation]
                                                                                     BRU> 0 - 40 HCP
2-Nonforcing pass 3 Level
                                                                                     BRE > Opening suit = None
 REL> Any Bid
                                                                                     BRE > Trump suit = None
    NNA > Nonforcing pass 3 Level
                                                                                     BRE > First suit = None
    OWB > Pass
                                                                                     BRE > Second suit = None
    OPB > 3C, 3D, 3H, 3S, 3NT
                                                                                     BRE > Third suit = None
   BRU> +++++++ Rule Set | ++++++
                                                                                     BRE > Fourth Suit = None
   BRU> 0 - 40 HCP
                                                                                   3-Last hand pass
   BRE > Opening suit = None
                                                                                     REL > Any Bid
   BRE > Trump suit = None
                                                                                   3-[NonForcing NonFit situation]
   BRE > First suit = None
                                                                             O-[Minor game (investigation) - partial context]
   BRE > Second suit = None
    BRE > Third suit = None
                                                                               I-[Minor Game Trials Forcing - partial context]
    BRE > Fourth Suit = None
                                                                               I-[Minor fit - partial context]
  3-[Last hand competitive bidding 3 Level - partial context]
                                                                                 2-2m - Fit showing
    4-Last Hand Competitive Raise 3 Level
                                                                                   REL > Any Bid
      REL> Any Bid
                                                                                     NNA > 2m - Fit showing
    4-Last hand pass
                                                                                     CON > Suit Bid same suit as Any Suit bid by us
      REL> Any Bid
                                                                                     OWB> 2C, 2D
 3-[NonForcing NonFit situation]
                                                                                     OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C
2-Nonforcing pass 4 Level and higher
                                                                                     BRU> +++++++ Rule Set | ++++++
 REL > Any Bid
                                                                                     BRU > In our hands 18 - 21 HCP
    NNA > Nonforcing pass 4 Level and higher
                                                                                     BRU > In our hands 9 - 13 in the suit bid
    OWB> Pass
                                                                                     BRU > In our hands 0 - 7 Spades
   OPB> 4C, 4D, 4H, 4S, 4NT, 5C, 5D, 5H, 5S, 5NT, 6C, 6D, 6H, 6S, 6NT, 7C,
                                                                                     BRU > In our hands 0 - 7 Hearts
                                                                                     BRE > Opening suit = None
    BRU> +++++++ Rule Set | ++++++
                                                                                     BRE > Trump suit = Suit bid
   BRU> 0 - 40 HCP
                                                                                     BRE > First suit = None
   BRE > Opening suit = None
                                                                                     BRE > Second suit = None
    BRE > Trump suit = None
                                                                                     BRE > Third suit = None
   BRE > First suit = None
                                                                                     BRE > Fourth Suit = None
   BRE > Second suit = None
                                                                                   3-[Minor game (investigation) - partial context]
   BRE > Third suit = None
                                                                                   3-[NonForcing NonFit situation]
   BRE > Fourth Suit = None
                                                                                       Full context, contains the bidding in a nonforcing situation. Pass is
 3-Last hand pass
                                                                                       an option, most bids on the same level or on the next level but below
    REL> Any Bid
                                                                                       the opening suit are nonforcing and do not promise extra values.
 3-[NonForcing NonFit situation]
                                                                                 2-3m - Fit showing
2-Nonforcing pass (R)DBL
                                                                                   REL> Any Bid
  REL > Any Bid
                                                                                     NNA > 3m - Fit showing
    NNA > Nonforcing pass (R)DBL
                                                                                     CON> Suit Bid same suit as Any Suit bid by us
   OWB > Pass
                                                                                     OWB> 3C, 3D
   OPB> DBL, RDBL
                                                                                     OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C
   BRU> +++++++ Rule Set | ++++++
                                                                                     BRU> +++++++ Rule Set | ++++++
   BRU > 0 - 40 HCP
                                                                                     BRU > In our hands 22 - 25 HCP
   BRE > Opening suit = None
                                                                                     BRU > In our hands 9 - 13 in the suit bid
   BRE > Trump suit = None
                                                                                     BRU > In our hands 0 - 7 Spades
    BRE > First suit = None
                                                                                     BRU > In our hands 0 - 7 Hearts
    BRE > Second suit = None
                                                                                     BRE > Opening suit = None
   BRE > Third suit = None
                                                                                     BRE > Trump suit = Suit bid
    BRE > Fourth Suit = None
                                                                                     BRE > First suit = None
 3-Last hand pass
```

```
BRE > Second suit = None
                                                                                        BRU> +++++++ Rule Set | ++++++
   BRE > Third suit = None
                                                                                        BRU> 32 - 40 HCP
   BRE > Fourth Suit = None
                                                                                        BRE > Opening suit = None
 3-[Minor game (investigation) - partial context]
                                                                                        BRE > Trump suit = None
 3-[NonForcing NonFit situation]
                                                                                        BRE > First suit = None
                                                                                        BRE > Second suit = None
2-5m - Fit showing
 REL> Any Bid
                                                                                        BRE > Third suit = None
   NNA > 5m - Fit showing
                                                                                        BRE > Fourth Suit = None
   CON> Suit Bid same suit as Any Suit bid by us
                                                                                      5-[NonForcing NonFit situation]
   OWB> 5C, 5D
                                                                                  3-[Minor game (investigation) - partial context]
   OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
                                                                                  3-[NonForcing NonFit situation]
   3H, 3S, 3NT, 4C, 4D, 4H, 4S, 4NT, 5C
                                                                              I-[NonForcing - partial context]
   BRU> +++++++ Rule Set | ++++++
                                                                                  Nonforcing bidding, a pass is available for all hands that have no other
   BRU > In our hands 26 - 31 HCP
                                                                                  bids available.
   BRU > In our hands 9 - 13 in the suit bid
                                                                                2-Nonforcing pass I Level
   BRU > In our hands 0 - 7 Spades
                                                                                  REL> Any Bid
   BRU > In our hands 0 - 7 Hearts
                                                                                    NNA > Nonforcing pass I Level
   BRE > Opening suit = None
                                                                                    OWB > Pass
   BRE > Trump suit = Suit bid
                                                                                    OPB > IC, ID, IH, IS, INT
   BRE > First suit = None
                                                                                    BRU> +++++++ Rule Set | ++++++
   BRE > Second suit = None
                                                                                    BRU> 0 - 40 HCP
   BRE > Third suit = None
                                                                                    BRE > Opening suit = None
   BRE > Fourth Suit = None
                                                                                    BRE > Trump suit = None
 3-[Slam investigation]
                                                                                    BRE > First suit = None
   4-Major Small Slam
                                                                                    BRE > Second suit = None
                                                                                    BRE > Third suit = None
     REL> Any Bid
       NNA > Major Small Slam
                                                                                    BRE > Fourth Suit = None
       OWB> 6H, 6S
                                                                                  3-[Last hand competitive bidding | Level - partial context]
       OPB > Pass
                                                                                      Competitive actions in the last hand.
       BRU> +++++++ Rule Set | ++++++
                                                                                    4-Last Hand Rebid Own Suit 2 Level
       BRU> 32 - 40 HCP
                                                                                      REL> Any Bid
       BRU > 8 - 13 in the suit bid
                                                                                        NNA> Last Hand Rebid Own Suit 2 Level
       BRE > Opening suit = None
                                                                                        CON> Suit Bid same suit as My first Suit
       BRE > Trump suit = None
                                                                                        OWB> 2C, 2D, 2H, 2S
       BRE > First suit = None
                                                                                        OPB > Pass
                                                                                        BRU> +++++++ Rule Set | ++++++
       BRE > Second suit = None
       BRE > Third suit = None
                                                                                        BRU > 6 - 13 in the suit bid
       BRE > Fourth Suit = None
                                                                                        BRU> +++++++ Rule Set 2 ++++++
                                                                                        BRU> I - I Aces in the suit bid
     5-[NonForcing NonFit situation]
                                                                                        BRU > 5 - 13 in the suit bid
    4-Minor Small Slam
     REL> Any Bid
                                                                                        BRU > 3 - 5 Tops of five in the suit bid
       NNA > Minor Small Slam
                                                                                        BRE > Opening suit = None
       OWB> 6C, 6D
                                                                                        BRE > Trump suit = None
       OPB > Pass
                                                                                        BRE > First suit = None
       BRU> +++++++ Rule Set | ++++++
                                                                                        BRE > Second suit = None
       BRU> 32 - 40 HCP
                                                                                        BRE > Third suit = None
       BRU > 9 - 13 in the suit bid
                                                                                        BRE > Fourth Suit = None
       BRE > Opening suit = None
                                                                                      5-[NonForcing NonFit situation]
       BRE > Trump suit = None
                                                                                    4-Last Hand Competitive Raise 2 Level
       BRE > First suit = None
                                                                                      REL > Any Bid
       BRE > Second suit = None
                                                                                        NNA > Last Hand Competitive Raise 2 Level
       BRE > Third suit = None
                                                                                        CON > Suit Bid same suit as Any Suit bid by us
       BRE > Fourth Suit = None
                                                                                        OWB> 2C, 2D, 2H, 2S
     5-[NonForcing NonFit situation]
                                                                                        OPB > Pass
    4-NT Small Slam
                                                                                        BRU> +++++++ Rule Set | ++++++
     REL> Any Bid
                                                                                        BRU > In our hands 8 - 13 in the suit bid
       NNA> NT Small Slam
                                                                                        BRU> +++++++ Rule Set 2 +++++++
       OWB> 6NT
                                                                                        BRU> In our hands 18 - 21 HCP
                                                                                        BRU > 5 - 13 in the suit bid
       OPB > Pass
```

```
BRE > Opening suit = None
                                                                                  5-[Catch all bids - first bid in opening suit]
   BRE > Trump suit = None
                                                                                    6-Catch all Opening Suit
   BRE > First suit = None
                                                                                      REL> Same level
   BRE > Second suit = None
                                                                                      REL> One level up, lower suit
   BRE > Third suit = None
                                                                                        NNA > Catch all Opening Suit
   BRE > Fourth Suit = None
                                                                                        CON> Suit Bid same suit as My opening Suit
 5-[NonForcing NonFit situation]
                                                                                        OWB> IC, ID, IH, IS, 2C, 2D, 2H, 2S, 3C, 3D, 3H, 3S, 4C, 4D,
4-Last Hand Competitive Suit I Level
                                                                                        4H, 4S, 5C, 5D, 5H, 5S, 6C, 6D, 6H, 6S
 REL > Any Bid
                                                                                        OPB > Pass
   NNA > Last Hand Competitive Suit I Level
                                                                                        BRU> +++++++ Rule Set | ++++++
   OWB> IC, ID, IH, IS
                                                                                        BRU> 0 - 40 HCP
                                                                                        BRU > 5 - 13 in the suit bid
   OPB > Pass
   BRU> +++++++ Rule Set | ++++++
                                                                                        BRE > Opening suit = None
   BRU > 4 - 13 in the suit bid
                                                                                        BRE > Trump suit = None
   BRU > In our hands 16 - 40 HCP
                                                                                        BRE > First suit = None
   BRE > Opening suit = None
                                                                                        BRE > Second suit = None
   BRE > Trump suit = None
                                                                                        BRE > Third suit = None
   BRE > First suit = None
                                                                                         BRE > Fourth Suit = None
   BRE > Second suit = None
                                                                                      7-[NonForcing NonFit situation]
   BRE > Third suit = None
                                                                                  5-[Catch all bids - Pass]
   BRE > Fourth Suit = None
                                                                                    6-Catch all Pass
                                                                                      REL> Any Bid
 5-[NonForcing NonFit situation]
                                                                                        NNA > Catch all Pass
4-Last Hand Competitive DBL
 REL> Any Bid
                                                                                        OWB> Pass
   NNA > Last Hand Competitive DBL
                                                                                        OPB > Pass
   OWB> DBL
                                                                                        BRU> +++++++ Rule Set | ++++++
   OPB > Pass
                                                                                        BRU> 0 - 40 HCP
   BRU> +++++++ Rule Set | ++++++
                                                                                        BRE > Opening suit = None
   BRU > In our hands 16 - 40 HCP
                                                                                        BRE > Trump suit = None
   BRU> 3 - 5 in a Suit #1
                                                                                        BRE > First suit = None
   BRU> 3 - 5 in a Suit #2
                                                                                        BRE > Second suit = None
   BRU> 3 - 5 in a Suit #3
                                                                                        BRE > Third suit = None
   BRU> 0 - 2 in a Suit #4
                                                                                        BRE > Fourth Suit = None
   BRU > 0 - 2 in LHO first suit
                                                                                      7-[NonForcing NonFit situation]
   BRU > 0 - 2 in RHO first suit
                                                                                  5-[Forcing NonFit situation]
   BRE > Opening suit = None
                                                                                4-Last hand pass
                                                                                  REL > Any Bid
   BRE > Trump suit = None
   BRE > First suit = None
                                                                                    NNA > Last hand pass
   BRE > Second suit = None
                                                                                    OWB > Pass
                                                                                    OPB > Pass
   BRE > Third suit = None
   BRE > Fourth Suit = None
                                                                                    BRU> +++++++ Rule Set | ++++++
 5-[Catch all - Partners Opening Suit]
                                                                                    BRU> 0 - 40 HCP
   6-Catch all bids - partners opening suit
                                                                                    BRE > Opening suit = None
     REL> Same level
                                                                                    BRE > Trump suit = None
                                                                                    BRE > First suit = None
     REL> One level up, lower suit
       NNA > Catch all bids - partners opening suit
                                                                                    BRE > Second suit = None
                                                                                    BRE > Third suit = None
       CON > Suit Bid same suit as Partners opening Suit
       OWB> 1C, 1D, 1H, 1S, 2C, 2D, 2H, 2S, 3C, 3D, 3H, 3S, 4C, 4D,
                                                                                    BRE > Fourth Suit = None
       4H, 4S, 5C, 5D, 5H, 5S
                                                                               3-[NonForcing NonFit situation]
                                                                            2-Nonforcing pass 2 Level
       OPB > Pass
       BRU> +++++++ Rule Set | ++++++
                                                                               REL> Any Bid
                                                                                NNA> Nonforcing pass 2 Level
       BRU > 0 - 40 HCP
                                                                                OWB> Pass
       BRE > Opening suit = None
       BRE > Trump suit = None
                                                                                OPB > 2C, 2D, 2H, 2S, 2NT
       BRE > First suit = None
                                                                                BRU> +++++++ Rule Set | ++++++
       BRE > Second suit = None
                                                                                BRU> 0 - 40 HCP
       BRE > Third suit = None
                                                                                BRE > Opening suit = None
       BRE > Fourth Suit = None
                                                                                BRE > Trump suit = None
     7-[NonForcing NonFit situation]
                                                                                BRE > First suit = None
```

```
BRE > Second suit = None
                                                                                    4-Last Hand Competitive Raise 3 Level
   BRE > Third suit = None
                                                                                      REL> Any Bid
   BRE > Fourth Suit = None
                                                                                    4-Last hand pass
                                                                                      REL> Any Bid
 3-[Last hand competitive bidding 2 Level - partial context]
   4-Last Hand Rebid Own Suit 2 Level
                                                                                  3-[NonForcing NonFit situation]
     REL> Any Bid
                                                                                2-Nonforcing pass 4 Level and higher
   4-Last Hand Competitive Raise 2 Level
                                                                                  REL> Any Bid
     REL > Any Bid
                                                                                    NNA > Nonforcing pass 4 Level and higher
    4-Last Hand Competitive Raise 3 Level
                                                                                    OWB> Pass
     REL > Any Bid
                                                                                    OPB> 4C, 4D, 4H, 4S, 4NT, 5C, 5D, 5H, 5S, 5NT, 6C, 6D, 6H, 6S, 6NT, 7C,
       NNA> Last Hand Competitive Raise 3 Level
                                                                                    7D, 7H, 7S, 7NT
                                                                                    BRU> +++++++ Rule Set | ++++++
       CON> Suit Bid same suit as Any Suit bid by us
       OWB> 3C, 3D, 3H, 3S
                                                                                    BRU> 0 - 40 HCP
       OPB > Pass
                                                                                    BRE > Opening suit = None
       BRU> +++++++ Rule Set | ++++++
                                                                                    BRE > Trump suit = None
       BRU > In our hands 9 - 13 in the suit bid
                                                                                    BRE > First suit = None
       BRE > Opening suit = None
                                                                                    BRE > Second suit = None
       BRE > Trump suit = None
                                                                                    BRE > Third suit = None
       BRE > First suit = None
                                                                                    BRE > Fourth Suit = None
       BRE > Second suit = None
                                                                                  3-Last hand pass
       BRE > Third suit = None
                                                                                    REL> Any Bid
       BRE > Fourth Suit = None
                                                                                  3-[NonForcing NonFit situation]
     5-[NonForcing NonFit situation]
                                                                                2-Nonforcing pass (R)DBL
   4-Last Hand Balance Bid 2 Level
                                                                                  REL> Any Bid
     REL> Any Bid
                                                                                    NNA > Nonforcing pass (R)DBL
                                                                                    OWB> Pass
       NNA> Last Hand Balance Bid 2 Level
       CON> Suit Bid not the same suit as Any Suit bid by opponents
                                                                                    OPB> DBL, RDBL
                                                                                    BRU> +++++++ Rule Set | ++++++
       OWB> 2C, 2D, 2H, 2S
                                                                                    BRU> 0 - 40 HCP
       OPB > Pass
       BRU> +++++++ Rule Set | ++++++
                                                                                    BRE > Opening suit = None
       BRU> 8 - 11 HCP
                                                                                    BRE > Trump suit = None
       BRU > 5 - 13 in the suit bid
                                                                                    BRE > First suit = None
       BRU> +++++++ Rule Set 2 ++++++
                                                                                    BRE > Second suit = None
       BRU > 6 - 7 HCP
                                                                                    BRE > Third suit = None
       BRU > 6 - 13 in the suit bid
                                                                                    BRE > Fourth Suit = None
       BRE > Opening suit = None
                                                                                  3-Last hand pass
       BRE > Trump suit = None
                                                                                    REL> Any Bid
       BRE > First suit = None
                                                                                  3-[NonForcing NonFit situation]
       BRE > Second suit = None
                                                                                2-Nonforcing pass
       BRE > Third suit = None
                                                                                  REL> Any Bid
       BRE > Fourth Suit = None
                                                                                    NNA > Nonforcing pass
     5-[NonForcing NonFit situation]
                                                                                    OWB > Pass
                                                                                    OPB > Pass
   4-Last hand pass
     REL> Any Bid
                                                                                    BRU> +++++++ Rule Set | ++++++
 3-[NonForcing NonFit situation]
                                                                                    BRU> 0 - 40 HCP
2-Nonforcing pass 3 Level
                                                                                    BRE > Opening suit = None
 REL > Any Bid
                                                                                    BRE > Trump suit = None
   NNA > Nonforcing pass 3 Level
                                                                                    BRE > First suit = None
   OWB > Pass
                                                                                    BRE > Second suit = None
                                                                                    BRE > Third suit = None
   OPB > 3C, 3D, 3H, 3S, 3NT
   BRU> +++++++ Rule Set | ++++++
                                                                                    BRE > Fourth Suit = None
   BRU > 0 - 40 HCP
                                                                                  3-Last hand pass
   BRE > Opening suit = None
                                                                                    REL> Any Bid
   BRE > Trump suit = None
                                                                                  3-[NonForcing NonFit situation]
   BRE > First suit = None
   BRE > Second suit = None
                                                                            O-[NonForcing NonFit situation]
   BRE > Third suit = None
                                                                                Full context, contains the bidding in a nonforcing situation. Pass is an
```

option, most bids on the same level or on the next level but below the

BRE > Fourth Suit = None

3-[Last hand competitive bidding 3 Level - partial context]

```
opening suit are nonforcing and do not promise extra values.
                                                                                                NNA > Catch all bids - partners opening suit
I-[New Suit Bids - Forcing - partial context]
                                                                                                CON > Suit Bid same suit as Partners opening Suit
 2-New Suit I Level
                                                                                                OWB > 1C, 1D, 1H, 1S, 2C, 2D, 2H, 2S, 3C, 3D, 3H, 3S, 4C, 4D,
   REL> Same level
                                                                                                4H, 4S, 5C, 5D, 5H, 5S
     NNA> New Suit I Level
                                                                                                OPB > Pass
     OWB > IC, ID, IH, IS
                                                                                                BRU> +++++++ Rule Set | ++++++
     OPB > Pass, DBL, RDBL, IC, ID, IH
                                                                                                BRU> 0 - 40 HCP
     BRU> +++++++ Rule Set | ++++++
                                                                                                BRE > Opening suit = None
                                                                                                BRE > Trump suit = None
     BRU > In our hands 18 - 40 HCP
     BRU > 4 - 13 in the suit bid
                                                                                                BRE > First suit = None
     BRU> +++++++ Rule Set 2 +++++++
                                                                                                BRE > Second suit = None
     BRU > In our hands 18 - 21 HCP
                                                                                                BRE > Third suit = None
     BRU > 8 - 13 in the suit bid
                                                                                                BRE > Fourth Suit = None
     BRE > Opening suit = None
                                                                                              7-[NonForcing NonFit situation]
     BRE > Trump suit = None
                                                                                          5-[Catch all bids - first bid in opening suit]
     BRE > First suit = None
                                                                                            6-Catch all Opening Suit
     BRE > Second suit = None
                                                                                              REL> Same level
     BRE > Third suit = None
                                                                                              REL> One level up, lower suit
     BRE > Fourth Suit = None
                                                                                                NNA > Catch all Opening Suit
   3-[Catch all bids - first NT bid]
                                                                                                CON > Suit Bid same suit as My opening Suit
                                                                                                OWB> 1C, 1D, 1H, 1S, 2C, 2D, 2H, 2S, 3C, 3D, 3H, 3S, 4C, 4D,
     4-Catch all First NoTrump
       REL> Same level
                                                                                                4H, 4S, 5C, 5D, 5H, 5S, 6C, 6D, 6H, 6S
                                                                                                OPB > Pass
         NNA > Catch all First NoTrump
         CON> Suit Bid lower or equal ranking suit than Any Suit bid by
                                                                                                BRU> +++++++ Rule Set | ++++++
                                                                                                BRU> 0 - 40 HCP
         opponents
                                                                                                BRU > 5 - 13 in the suit bid
         OWB> INT, 2NT, 3NT, 4NT, 5NT, 6NT
         OPB > Pass
                                                                                                BRE > Opening suit = None
         BRU> +++++++ Rule Set | ++++++
                                                                                                BRE > Trump suit = None
         BRU > In our hands 0 - 7 Spades
                                                                                                BRE > First suit = None
         BRU > In our hands 0 - 7 Hearts
                                                                                                BRE > Second suit = None
         BRU > In our hands 0 - 8 Diamonds
                                                                                                BRE > Third suit = None
         BRU > In our hands 0 - 8 Clubs
                                                                                                BRE > Fourth Suit = None
         BRE > Opening suit = None
                                                                                              7-[NonForcing NonFit situation]
         BRE > Trump suit = None
                                                                                          5-[Forcing NonFit situation]
         BRE > First suit = None
                                                                                      3-[Forcing NonFit situation]
                                                                                    2-New Suit 2 Level Low
         BRE > Second suit = None
         BRE > Third suit = None
                                                                                      REL> Same level
         BRE > Fourth Suit = None
                                                                                      REL > One level up, lower suit
       5-[NonForcing NonFit situation]
                                                                                        NNA > New Suit 2 Level Low
     4-Catch all Cuebid
                                                                                        CON> Suit Bid lower or equal ranking suit than Any Suit bid by us
       REL> Same level
                                                                                        CON> Suit Bid not the same suit as Any Suit bid by opponents
       REL> One level up, lower suit
                                                                                        CON> Suit Bid not the same suit as Any Suit bid by us
                                                                                        OWB> 2C, 2D, 2H, 2S
         NNA > Catch all Cuebid
         CON > Suit Bid same suit as Any Suit bid by opponents
                                                                                        OPB> Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H
         OWB> IC, ID, IH, IS, 2C, 2D, 2H, 2S, 3C, 3D, 3H, 3S, 4C, 4D, 4H, 4S
                                                                                        BRU> +++++++ Rule Set | ++++++
         OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C,
                                                                                        BRU > In our hands 22 - 40 HCP
                                                                                        BRU > 4 - 13 in the suit bid
         3D, 3H, 3S, 3NT, 4C, 4D, 4H
         BRU> +++++++ Rule Set | ++++++
                                                                                        BRE > Opening suit = None
         BRU> 0 - 40 HCP
                                                                                        BRE > Trump suit = None
                                                                                        BRE > First suit = None
         BRE > Opening suit = None
         BRE > Trump suit = None
                                                                                        BRE > Second suit = None
         BRE > First suit = None
                                                                                        BRE > Third suit = None
                                                                                        BRE > Fourth Suit = None
         BRE > Second suit = None
                                                                                      3-[Catch all bids - first bid in opening suit]
         BRE > Third suit = None
         BRE > Fourth Suit = None
                                                                                      3-[Forcing NonFit situation]
       5-[Catch all - Partners Opening Suit]
                                                                                    2-New Suit 2 Level Second Suit
         6-Catch all bids - partners opening suit
                                                                                      REL> Any Bid
            REL> Same level
                                                                                        NNA > New Suit 2 Level Second Suit
```

CON> Suit Bid lower or equal ranking suit than My first Suit

REL> One level up, lower suit

```
CON> Suit Bid not the same suit as Any Suit bid by us
                                                                                       CON> Suit Bid lower or equal ranking suit than Any Suit bid by us
    CON> Suit Bid not the same suit as Any Suit bid by opponents
                                                                                       CON> Suit Bid not the same suit as Any Suit bid by opponents
    OWB> 2C, 2D, 2H, 2S
                                                                                       CON> Suit Bid not the same suit as Any Suit bid by us
    OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H
                                                                                       OWB> 3C, 3D, 3H, 3S
    BRU> +++++++ Rule Set | ++++++
                                                                                       OPB> Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
    BRU > 4 - 13 in the suit bid
    BRU > 5 - 13 in my first suit
                                                                                       BRU> +++++++ Rule Set | ++++++
    BRU > 0 - 4 Modified HCP
                                                                                       BRU> In our hands 24 - 40 HCP
                                                                                       BRU> 4 - 13 in the suit bid
   BRE > Opening suit = None
   BRE > Trump suit = None
                                                                                       BRE > Opening suit = None
    BRE > First suit = None
                                                                                       BRE > Trump suit = None
   BRE > Second suit = None
                                                                                       BRE > First suit = None
   BRE > Third suit = None
                                                                                       BRE > Second suit = None
    BRE > Fourth Suit = None
                                                                                       BRE > Third suit = None
 3-[Catch all bids - first bid in opening suit]
                                                                                       BRE > Fourth Suit = None
 3-[Forcing NonFit situation]
                                                                                     3-[Catch all bids - first bid in opening suit]
2-New Suit 2 Level High
                                                                                     3-[Forcing NonFit situation]
 REL> Same level
                                                                                   2-New Suit 3 Level Second Suit
                                                                                     REL> Any Bid
 REL > One level up, lower suit
    NNA > New Suit 2 Level High
                                                                                       NNA > New Suit 3 Level Second Suit
   CON> Suit Bid higher or equal ranking suit than Any Suit bid by us
                                                                                       CON> Suit Bid lower or equal ranking suit than My first Suit
    CON> Suit Bid not the same suit as Any Suit bid by opponents
                                                                                       CON> Suit Bid not the same suit as Any Suit bid by us
    CON> Suit Bid not the same suit as Any Suit bid by us
                                                                                       CON> Suit Bid not the same suit as Any Suit bid by opponents
    OWB> 2C, 2D, 2H, 2S
                                                                                       OWB> 3C, 3D, 3H, 3S
    OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H
                                                                                       OPB> Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
    BRU> +++++++ Rule Set | ++++++
   BRU > In our hands 22 - 40 HCP
                                                                                       BRU> +++++++ Rule Set | ++++++
                                                                                       BRU > 4 - 13 in the suit bid
   BRU > 4 - 13 in the suit bid
                                                                                       BRU > 5 - 13 in my first suit
   BRE > Opening suit = None
   BRE > Trump suit = None
                                                                                       BRU > 5 - 40 Modified HCP
    BRE > First suit = None
                                                                                       BRE > Opening suit = None
    BRE > Second suit = None
                                                                                       BRE > Trump suit = None
    BRE > Third suit = None
                                                                                       BRE > First suit = None
    BRE > Fourth Suit = None
                                                                                       BRE > Second suit = None
  3-[Catch all bids - first NT bid]
                                                                                       BRE > Third suit = None
  3-[Forcing NonFit situation]
                                                                                       BRE > Fourth Suit = None
2-New Suit 2 Level Other
                                                                                     3-[Catch all bids - first bid in opening suit]
  REL> Same level
                                                                                     3-[Forcing NonFit situation]
 REL > One level up, lower suit
                                                                                   2-New Suit 3 Level High
                                                                                     REL> Same level
    NNA > New Suit 2 Level Other
   CON> Suit Bid not the same suit as Any Suit bid by us
                                                                                     REL > One level up, lower suit
                                                                                      NNA > New Suit 3 Level High
   CON> Suit Bid not the same suit as Any Suit bid by opponents
                                                                                       CON> Suit Bid higher or equal ranking suit than Any Suit bid by us
    OWB> 2C, 2D, 2H, 2S
   OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H
                                                                                       CON> Suit Bid not the same suit as Any Suit bid by opponents
    BRU> +++++++ Rule Set | ++++++
                                                                                       CON> Suit Bid not the same suit as Any Suit bid by us
   BRU > In our hands 22 - 40 HCP
                                                                                       OWB> 3C, 3D, 3H, 3S
   BRU > 4 - 13 in the suit bid
                                                                                       OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
   BRE > Opening suit = None
                                                                                       BRU> +++++++ Rule Set | ++++++
   BRE > Trump suit = None
                                                                                       BRU > In our hands 24 - 40 HCP
   BRE > First suit = None
                                                                                       BRU> 4 - 13 in the suit bid
    BRE > Second suit = None
    BRE > Third suit = None
                                                                                       BRE > Opening suit = None
    BRE > Fourth Suit = None
                                                                                       BRE > Trump suit = None
                                                                                      BRE > First suit = None
 3-[Catch all bids - first NT bid]
 3-[Forcing NonFit situation]
                                                                                       BRE > Second suit = None
2-New Suit 3 Level Low
                                                                                       BRE > Third suit = None
 REL> Same level
                                                                                       BRE > Fourth Suit = None
 REL > One level up, lower suit
                                                                                     3-[Catch all bids - first NT bid]
```

3-[Forcing NonFit situation]

NNA > New Suit 3 Level Low

```
2-New Suit 3 Level Other
                                                                                      4-Minor Small Slam
   REL> Same level
                                                                                        REL> Any Bid
   REL > One level up, lower suit
                                                                                          NNA > Minor Small Slam
     NNA > New Suit 3 Level Other
                                                                                          OWB> 6C, 6D
                                                                                          OPB > Pass
     CON> Suit Bid not the same suit as Any Suit bid by us
                                                                                          BRU> +++++++ Rule Set | ++++++
     CON> Suit Bid not the same suit as Any Suit bid by opponents
     OWB > 3C, 3D, 3H, 3S
                                                                                          BRU> 32 - 40 HCP
     OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
                                                                                          BRU > 9 - 13 in the suit bid
                                                                                          BRE > Opening suit = None
     BRU> +++++++ Rule Set | ++++++
                                                                                          BRE > Trump suit = None
     BRU > In our hands 24 - 40 HCP
                                                                                          BRE > First suit = None
     BRU> 4 - 13 in the suit bid
                                                                                          BRE > Second suit = None
     BRE > Opening suit = None
                                                                                          BRE > Third suit = None
     BRE > Trump suit = None
                                                                                          BRE > Fourth Suit = None
     BRE > First suit = None
                                                                                        5-[NonForcing NonFit situation]
                                                                                      4-NT Small Slam
     BRE > Second suit = None
     BRE > Third suit = None
                                                                                        REL > Any Bid
     BRE > Fourth Suit = None
                                                                                          NNA> NT Small Slam
   3-[Catch all bids - first NT bid]
                                                                                          OWB> 6NT
                                                                                          OPB > Pass
   3-[Forcing NonFit situation]
                                                                                          BRU> +++++++ Rule Set | ++++++
I-[Fit Showing Cuebid]
 2-Fit Showing Cuebid - Clubs
                                                                                          BRU> 32 - 40 HCP
   REL > Single jump higher suit
                                                                                          BRE > Opening suit = None
   REL > Single jump lower suit
                                                                                          BRE > Trump suit = None
     NNA> Fit Showing Cuebid - Clubs
                                                                                          BRE > First suit = None
     CON> Suit Bid not the same suit as Any Suit bid by us
                                                                                          BRE > Second suit = None
     OWB> 3S, 4C, 4D, 4H
                                                                                          BRE > Third suit = None
     OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
                                                                                          BRE > Fourth Suit = None
     3H, 3S, 3NT, 4C, 4D
                                                                                        5-[NonForcing NonFit situation]
     BRU> +++++++ Rule Set | ++++++
                                                                                    3-[NonForcing NonFit situation]
     BRU > In our hands 28 - 40 HCP
                                                                                  2-Fit Showing Cuebid - Diamonds
     BRU> I - 2 Tops of two in the suit bid
                                                                                    REL > Single jump higher suit
     BRU > In our hands 9 - 13 Clubs
                                                                                     REL > Single jump lower suit
     BRU> +++++++ Rule Set 2 ++++++
                                                                                      NNA > Fit Showing Cuebid - Diamonds
     BRU> In our hands 28 - 40 HCP
                                                                                      CON> Suit Bid not the same suit as Any Suit bid by us
     BRU > In our hands 9 - 13 Clubs
                                                                                      OWB> 3S, 4C, 4D, 4H
     BRU > 0 - I in the suit bid
                                                                                      OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
     BRE > Opening suit = None
                                                                                      3H, 3S, 3NT, 4C, 4D
     BRE > Trump suit = None
                                                                                      BRU> +++++++ Rule Set | ++++++
                                                                                      BRU > In our hands 28 - 40 HCP
     BRE > First suit = None
     BRE > Second suit = None
                                                                                      BRU > 1 - 2 Tops of two in the suit bid
     BRE > Third suit = None
                                                                                      BRU > In our hands 9 - 13 Diamonds
                                                                                      BRU> ++++++ Rule Set 2 ++++++
     BRE > Fourth Suit = None
   3-[Slam investigation]
                                                                                      BRU > In our hands 28 - 40 HCP
     4-Major Small Slam
                                                                                      BRU > In our hands 9 - 13 Diamonds
       REL> Any Bid
                                                                                      BRU> 0 - I in the suit bid
                                                                                      BRE > Opening suit = None
         NNA > Major Small Slam
         OWB> 6H, 6S
                                                                                      BRE > Trump suit = None
                                                                                      BRE > First suit = None
         OPB > Pass
         BRU> +++++++ Rule Set | ++++++
                                                                                      BRE > Second suit = None
         BRU> 32 - 40 HCP
                                                                                      BRE > Third suit = None
         BRU > 8 - 13 in the suit bid
                                                                                      BRE > Fourth Suit = None
         BRE > Opening suit = None
                                                                                     3-[Slam investigation]
         BRE > Trump suit = None
                                                                                     3-[NonForcing NonFit situation]
         BRE > First suit = None
                                                                                  2-Fit Showing Cuebid - Hearts
         BRE > Second suit = None
                                                                                    REL > Single jump higher suit
         BRE > Third suit = None
                                                                                     REL > Single jump lower suit
         BRE > Fourth Suit = None
                                                                                      NNA > Fit Showing Cuebid - Hearts
       5-[NonForcing NonFit situation]
                                                                                      CON> Suit Bid not the same suit as Any Suit bid by us
```

```
OWB> 3S, 4C, 4D, 4H
                                                                                       BRE > Opening suit = None
     OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
                                                                                       BRE > Trump suit = None
     3H, 3S, 3NT, 4C, 4D
                                                                                       BRE > First suit = None
     BRU> +++++++ Rule Set | ++++++
                                                                                       BRE > Second suit = None
                                                                                       BRE > Third suit = None
     BRU > In our hands 28 - 40 HCP
     BRU> I - 2 Tops of two in the suit bid
                                                                                       BRE > Fourth Suit = None
     BRU > In our hands 9 - 13 Hearts
                                                                                     3-[NonForcing - partial context]
     BRU> +++++++ Rule Set 2 +++++++
                                                                                         Nonforcing bidding, a pass is available for all hands that have no
     BRU > In our hands 28 - 40 HCP
                                                                                         other bids available.
     BRU > In our hands 8 - 13 Hearts
                                                                                       4-Nonforcing pass I Level
     BRU > 0 - I in the suit bid
                                                                                         REL > Any Bid
     BRE > Opening suit = None
                                                                                           NNA > Nonforcing pass I Level
     BRE > Trump suit = None
                                                                                           OWB > Pass
     BRE > First suit = None
                                                                                           OPB > IC, ID, IH, IS, INT
     BRE > Second suit = None
                                                                                           BRU> +++++++ Rule Set | ++++++
                                                                                           BRU> 0 - 40 HCP
     BRE > Third suit = None
     BRE > Fourth Suit = None
                                                                                           BRE > Opening suit = None
   3-[Slam investigation]
                                                                                           BRE > Trump suit = None
   3-[NonForcing NonFit situation]
                                                                                           BRE > First suit = None
 2-Fit Showing Cuebid - Spades
                                                                                           BRE > Second suit = None
                                                                                           BRE > Third suit = None
   REL > Single jump higher suit
   REL > Single jump lower suit
                                                                                           BRE > Fourth Suit = None
     NNA > Fit Showing Cuebid - Spades
                                                                                         5-[Last hand competitive bidding | Level - partial context]
     CON> Suit Bid not the same suit as Any Suit bid by us
                                                                                             Competitive actions in the last hand.
     OWB> 3S, 4C, 4D, 4H
                                                                                           6-Last Hand Rebid Own Suit 2 Level
     OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
                                                                                             REL> Any Bid
     3H, 3S, 3NT, 4C, 4D
                                                                                               NNA> Last Hand Rebid Own Suit 2 Level
     BRU> +++++++ Rule Set | ++++++
                                                                                               CON> Suit Bid same suit as My first Suit
     BRU > In our hands 28 - 40 HCP
                                                                                               OWB> 2C, 2D, 2H, 2S
     BRU> I - 2 Tops of two in the suit bid
                                                                                               OPB > Pass
     BRU > In our hands 9 - 13 Spades
                                                                                               BRU> +++++++ Rule Set | ++++++
     BRU> +++++++ Rule Set 2 +++++++
                                                                                               BRU > 6 - 13 in the suit bid
                                                                                               BRU> +++++++ Rule Set 2 ++++++
     BRU > In our hands 28 - 40 HCP
     BRU > In our hands 8 - 13 Spades
                                                                                               BRU> I - I Aces in the suit bid
     BRU > 0 - I in the suit bid
                                                                                               BRU > 5 - 13 in the suit bid
     BRE > Opening suit = None
                                                                                               BRU > 3 - 5 Tops of five in the suit bid
     BRE > Trump suit = None
                                                                                               BRE > Opening suit = None
     BRE > First suit = None
                                                                                               BRE > Trump suit = None
     BRE > Second suit = None
                                                                                               BRE > First suit = None
     BRE > Third suit = None
                                                                                               BRE > Second suit = None
     BRE > Fourth Suit = None
                                                                                               BRE > Third suit = None
   3-[Slam investigation]
                                                                                               BRE > Fourth Suit = None
   3-[NonForcing NonFit situation]
                                                                                             7-[NonForcing NonFit situation]
I-[Rebid Own Suit(s) - partial context]
                                                                                           6-Last Hand Competitive Raise 2 Level
 2-Nonjump Rebid First Suit One Level Up
                                                                                             REL > Any Bid
   REL > One level up, lower suit
                                                                                               NNA> Last Hand Competitive Raise 2 Level
   REL > Same Suit One Level Up
                                                                                               CON> Suit Bid same suit as Any Suit bid by us
     This rebid is only available when partner has bid. But beware: the
                                                                                               OWB> 2C, 2D, 2H, 2S
     partnership rule and the modified HCP rule combine, so this bid can
                                                                                               OPB > Pass
                                                                                               BRU> +++++++ Rule Set | ++++++
     also be used if the hand is very strong.
     NNA > Nonjump Rebid First Suit One Level Up
                                                                                               BRU > In our hands 8 - 13 in the suit bid
                                                                                               BRU> +++++++ Rule Set 2 +++++++
     CON> Suit Bid same suit as My first Suit
                                                                                               BRU > In our hands 18 - 21 HCP
     OWB> 2C, 2D, 2H, 2S, 3C, 3D, 3H, 3S
                                                                                               BRU > 5 - 13 in the suit bid
     OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
                                                                                               BRE > Opening suit = None
     BRU> +++++++ Rule Set | ++++++
                                                                                               BRE > Trump suit = None
     BRU > 0 - 4 Modified HCP
                                                                                               BRE > First suit = None
     BRU > 6 - 13 in the suit bid
                                                                                               BRE > Second suit = None
     BRU > In our hands 16 - 40 HCP
                                                                                               BRE > Third suit = None
```

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BRE > Fourth Suit = None
                                                                                    BRU> +++++++ Rule Set | ++++++
                                                                                    BRU> 0 - 40 HCP
  7-[NonForcing NonFit situation]
6-Last Hand Competitive Suit I Level
                                                                                    BRE > Opening suit = None
  REL> Any Bid
                                                                                    BRE > Trump suit = None
   NNA> Last Hand Competitive Suit I Level
                                                                                    BRE > First suit = None
   OWB> IC, ID, IH, IS
                                                                                    BRE > Second suit = None
   OPB > Pass
                                                                                    BRE > Third suit = None
   BRU> +++++++ Rule Set | ++++++
                                                                                    BRE > Fourth Suit = None
   BRU > 4 - 13 in the suit bid
                                                                              5-[NonForcing NonFit situation]
   BRU > In our hands 16 - 40 HCP
                                                                            4-Nonforcing pass 2 Level
   BRE > Opening suit = None
                                                                              REL> Any Bid
   BRE > Trump suit = None
                                                                                NNA > Nonforcing pass 2 Level
   BRE > First suit = None
                                                                                OWB > Pass
   BRE > Second suit = None
                                                                                OPB > 2C, 2D, 2H, 2S, 2NT
   BRE > Third suit = None
                                                                                BRU> +++++++ Rule Set | ++++++
                                                                                BRU> 0 - 40 HCP
   BRE > Fourth Suit = None
  7-[NonForcing NonFit situation]
                                                                                BRE > Opening suit = None
6-Last Hand Competitive DBL
                                                                                BRE > Trump suit = None
  REL> Any Bid
                                                                                BRE > First suit = None
   NNA > Last Hand Competitive DBL
                                                                                BRE > Second suit = None
   OWB> DBL
                                                                                BRE > Third suit = None
   OPB > Pass
                                                                                BRE > Fourth Suit = None
   BRU> +++++++ Rule Set | ++++++
                                                                              5-[Last hand competitive bidding 2 Level - partial context]
   BRU > In our hands 16 - 40 HCP
                                                                                6-Last Hand Rebid Own Suit 2 Level
   BRU > 3 - 5 in a Suit #1
                                                                                  REL> Any Bid
   BRU> 3 - 5 in a Suit #2
                                                                                6-Last Hand Competitive Raise 2 Level
   BRU > 3 - 5 in a Suit #3
                                                                                  REL > Any Bid
   BRU > 0 - 2 in a Suit #4
                                                                                6-Last Hand Competitive Raise 3 Level
   BRU > 0 - 2 in LHO first suit
                                                                                  REL> Any Bid
   BRU > 0 - 2 in RHO first suit
                                                                                    NNA> Last Hand Competitive Raise 3 Level
   BRE > Opening suit = None
                                                                                    CON > Suit Bid same suit as Any Suit bid by us
   BRE > Trump suit = None
                                                                                    OWB> 3C, 3D, 3H, 3S
   BRE > First suit = None
                                                                                    OPB > Pass
                                                                                    BRU> +++++++ Rule Set | ++++++
   BRE > Second suit = None
   BRE > Third suit = None
                                                                                    BRU > In our hands 9 - 13 in the suit bid
                                                                                    BRE > Opening suit = None
   BRE > Fourth Suit = None
                                                                                    BRE > Trump suit = None
  7-[Catch all - Partners Opening Suit]
  7-[Catch all bids - first bid in opening suit]
                                                                                    BRE > First suit = None
  7-[Catch all bids - Pass]
                                                                                    BRE > Second suit = None
                                                                                    BRE > Third suit = None
   8-Catch all Pass
     REL> Any Bid
                                                                                    BRE > Fourth Suit = None
       NNA > Catch all Pass
                                                                                  7-[NonForcing NonFit situation]
       OWB > Pass
                                                                                6-Last Hand Balance Bid 2 Level
       OPB > Pass
                                                                                  REL > Any Bid
        BRU> +++++++ Rule Set | ++++++
                                                                                    NNA> Last Hand Balance Bid 2 Level
        BRU> 0 - 40 HCP
                                                                                    CON> Suit Bid not the same suit as Any Suit bid by opponents
       BRE > Opening suit = None
                                                                                    OWB> 2C, 2D, 2H, 2S
        BRE > Trump suit = None
                                                                                    OPB > Pass
                                                                                    BRU> +++++++ Rule Set | ++++++
        BRE > First suit = None
                                                                                    BRU> 8 - 11 HCP
        BRE > Second suit = None
        BRE > Third suit = None
                                                                                    BRU > 5 - 13 in the suit bid
                                                                                    BRU> +++++++ Rule Set 2 ++++++
        BRE > Fourth Suit = None
                                                                                    BRU> 6 - 7 HCP
      9-[NonForcing NonFit situation]
                                                                                    BRU > 6 - 13 in the suit bid
  7-[Forcing NonFit situation]
6-Last hand pass
                                                                                    BRE > Opening suit = None
  REL> Any Bid
                                                                                    BRE > Trump suit = None
   NNA > Last hand pass
                                                                                    BRE > First suit = None
   OWB > Pass
                                                                                    BRE > Second suit = None
   OPB > Pass
                                                                                    BRE > Third suit = None
```

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BRE > Fourth Suit = None
                                                                                      NNA > Nonforcing pass
      7-[NonForcing NonFit situation]
                                                                                      OWB > Pass
   6-Last hand pass
                                                                                      OPB > Pass
                                                                                      BRU> +++++++ Rule Set | ++++++
      REL> Any Bid
  5-[NonForcing NonFit situation]
                                                                                      BRU> 0 - 40 HCP
                                                                                      BRE > Opening suit = None
4-Nonforcing pass 3 Level
  REL> Any Bid
                                                                                      BRE > Trump suit = None
   NNA > Nonforcing pass 3 Level
                                                                                      BRE > First suit = None
                                                                                      BRE > Second suit = None
   OWB> Pass
   OPB > 3C, 3D, 3H, 3S, 3NT
                                                                                      BRE > Third suit = None
   BRU> +++++++ Rule Set | ++++++
                                                                                      BRE > Fourth Suit = None
                                                                                   5-Last hand pass
   BRU> 0 - 40 HCP
   BRE > Opening suit = None
                                                                                      REL > Any Bid
   BRE > Trump suit = None
                                                                                   5-[NonForcing NonFit situation]
   BRE > First suit = None
                                                                               3-[Forcing NonFit situation]
                                                                             2-NonJump Rebid First Suit Same Level
   BRE > Second suit = None
   BRE > Third suit = None
                                                                                REL> Same level
   BRE > Fourth Suit = None
                                                                                REL> Same suit, same level
                                                                                  NNA> NonJump Rebid First Suit Same Level
  5-[Last hand competitive bidding 3 Level - partial context]
    6-Last Hand Competitive Raise 3 Level
                                                                                  CON> Suit Bid same suit as My first Suit
                                                                                  OWB> 2C, 2D, 2H, 2S, 3C, 3D, 3H, 3S
      REL > Any Bid
                                                                                  OPB> Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
   6-Last hand pass
      REL> Any Bid
  5-[NonForcing NonFit situation]
                                                                                  BRU> +++++++ Rule Set | ++++++
4-Nonforcing pass 4 Level and higher
                                                                                  BRU > 0 - 4 Modified HCP
                                                                                 BRU> 5 - 13 in the suit bid
  REL> Any Bid
   NNA > Nonforcing pass 4 Level and higher
                                                                                  BRE > Opening suit = None
                                                                                  BRE > Trump suit = None
   OWB > Pass
   OPB> 4C, 4D, 4H, 4S, 4NT, 5C, 5D, 5H, 5S, 5NT, 6C, 6D, 6H, 6S, 6NT,
                                                                                  BRE > First suit = None
                                                                                  BRE > Second suit = None
   7C, 7D, 7H, 7S, 7NT
   BRU> +++++++ Rule Set | ++++++
                                                                                  BRE > Third suit = None
   BRU> 0 - 40 HCP
                                                                                  BRE > Fourth Suit = None
   BRE > Opening suit = None
                                                                                3-[NonForcing - partial context]
   BRE > Trump suit = None
                                                                                3-[Forcing NonFit situation]
   BRE > First suit = None
                                                                              2-Jump Rebid First Suit
   BRE > Second suit = None
                                                                                REL > Single jump higher suit
   BRE > Third suit = None
                                                                                REL > Single jump lower suit
   BRE > Fourth Suit = None
                                                                                REL> Same suit, same level
                                                                                REL > Same Suit One Level Up
  5-Last hand pass
    REL> Any Bid
                                                                                  Same thing as the nonjump.
  5-[NonForcing NonFit situation]
                                                                                  NNA > Jump Rebid First Suit
4-Nonforcing pass (R)DBL
                                                                                  CON> Suit Bid same suit as My first Suit
                                                                                  OWB> 3C, 3D, 3H, 3S, 4C, 4D, 4H, 4S
  REL > Any Bid
   NNA > Nonforcing pass (R)DBL
                                                                                  OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
                                                                                  3H, 3S, 3NT, 4C, 4D, 4H
   OWB> Pass
   OPB > DBL, RDBL
                                                                                  BRU> +++++++ Rule Set | ++++++
   BRU> +++++++ Rule Set | ++++++
                                                                                  BRU > 5 - 40 Modified HCP
   BRU> 0 - 40 HCP
                                                                                  BRU > 6 - 13 in the suit bid
   BRE > Opening suit = None
                                                                                  BRU > In our hands 16 - 40 HCP
   BRE > Trump suit = None
                                                                                  BRE > Opening suit = None
   BRE > First suit = None
                                                                                  BRE > Trump suit = None
   BRE > Second suit = None
                                                                                  BRE > First suit = None
   BRE > Third suit = None
                                                                                  BRE > Second suit = None
   BRE > Fourth Suit = None
                                                                                  BRE > Third suit = None
  5-Last hand pass
                                                                                  BRE > Fourth Suit = None
   REL> Any Bid
                                                                                3-[NonForcing - partial context]
  5-[NonForcing NonFit situation]
                                                                                3-[Forcing NonFit situation]
4-Nonforcing pass
                                                                            I-[Major fit - partial context]
  REL > Any Bid
                                                                              2-2M - Fit showing
```

```
NNA > 2m - Fit showing
   REL> Any Bid
                                                                                        CON> Suit Bid same suit as Any Suit bid by us
     NNA > 2M - Fit showing
     CON > Suit Bid same suit as Any Suit bid by us
                                                                                        OWB> 2C, 2D
     OWB> 2H, 2S
                                                                                        OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C
     OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H
                                                                                        BRU> +++++++ Rule Set | ++++++
     BRU> +++++++ Rule Set | ++++++
                                                                                        BRU > In our hands 18 - 21 HCP
     BRU > In our hands 18 - 21 HCP
                                                                                        BRU > In our hands 9 - 13 in the suit bid
     BRU > In our hands 8 - 9 in the suit bid
                                                                                        BRU > In our hands 0 - 7 Spades
     BRE > Opening suit = None
                                                                                        BRU > In our hands 0 - 7 Hearts
     BRE > Trump suit = Suit bid
                                                                                        BRE > Opening suit = None
     BRE > First suit = None
                                                                                        BRE > Trump suit = Suit bid
     BRE > Second suit = None
                                                                                        BRE > First suit = None
     BRE > Third suit = None
                                                                                        BRE > Second suit = None
     BRE > Fourth Suit = None
                                                                                        BRE > Third suit = None
   3-[Major game (investigation) - partial context]
                                                                                        BRE > Fourth Suit = None
                                                                                      3-[Minor game (investigation) - partial context]
   3-[NonForcing NonFit situation]
 2-3M - Fit showing
                                                                                      3-[NonForcing NonFit situation]
   REL > Any Bid
                                                                                    2-3m - Fit showing
     NNA > 3M - Fit showing
                                                                                      REL> Any Bid
     CON > Suit Bid same suit as Any Suit bid by us
                                                                                        NNA > 3m - Fit showing
                                                                                        CON> Suit Bid same suit as Any Suit bid by us
     OWB> 3H, 3S
     OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
                                                                                        OWB> 3C, 3D
                                                                                        OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C
     BRU> +++++++ Rule Set | ++++++
                                                                                        BRU> +++++++ Rule Set | ++++++
     BRU > In our hands 22 - 23 HCP
                                                                                        BRU > In our hands 22 - 25 HCP
     BRU > In our hands 8 - 9 in the suit bid
                                                                                        BRU > In our hands 9 - 13 in the suit bid
     BRE > Opening suit = None
                                                                                        BRU > In our hands 0 - 7 Spades
     BRE > Trump suit = Suit bid
                                                                                        BRU > In our hands 0 - 7 Hearts
                                                                                        BRE > Opening suit = None
     BRE > First suit = None
                                                                                        BRE > Trump suit = Suit bid
     BRE > Second suit = None
     BRE > Third suit = None
                                                                                        BRE > First suit = None
     BRE > Fourth Suit = None
                                                                                        BRE > Second suit = None
   3-[Major game (investigation) - partial context]
                                                                                        BRE > Third suit = None
   3-[NonForcing NonFit situation]
                                                                                        BRE > Fourth Suit = None
 2-4M - Fit showing
                                                                                      3-[Minor game (investigation) - partial context]
   REL> Any Bid
                                                                                      3-[NonForcing NonFit situation]
     NNA > 4M - Fit showing
                                                                                    2-5m - Fit showing
     CON> Suit Bid same suit as Any Suit bid by us
                                                                                      REL > Any Bid
                                                                                        NNA > 5m - Fit showing
     OWB> 4H, 4S
     OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
                                                                                        CON > Suit Bid same suit as Any Suit bid by us
     3H, 3S, 3NT, 4C, 4D, 4H
                                                                                        OWB> 5C, 5D
     BRU> +++++++ Rule Set | ++++++
                                                                                        OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
     BRU > In our hands 24 - 31 HCP
                                                                                        3H, 3S, 3NT, 4C, 4D, 4H, 4S, 4NT, 5C
     BRU > In our hands 8 - 9 in the suit bid
                                                                                        BRU> +++++++ Rule Set | ++++++
     BRU> +++++++ Rule Set 2 ++++++
                                                                                        BRU > In our hands 26 - 31 HCP
     BRU > In our hands 0 - 31 HCP
                                                                                        BRU > In our hands 9 - 13 in the suit bid
     BRU > In our hands 10 - 13 in the suit bid
                                                                                        BRU > In our hands 0 - 7 Spades
     BRE > Opening suit = None
                                                                                        BRU > In our hands 0 - 7 Hearts
                                                                                        BRE > Opening suit = None
     BRE > Trump suit = Suit bid
                                                                                        BRE > Trump suit = Suit bid
     BRE > First suit = None
     BRE > Second suit = None
                                                                                        BRE > First suit = None
     BRE > Third suit = None
                                                                                        BRE > Second suit = None
     BRE > Fourth Suit = None
                                                                                        BRE > Third suit = None
   3-[Slam investigation]
                                                                                        BRE > Fourth Suit = None
   3-[Major game (investigation) - partial context]
                                                                                      3-[Slam investigation]
   3-[NonForcing NonFit situation]
                                                                                      3-[Minor game (investigation) - partial context]
I-[Minor fit - partial context]
                                                                                      3-[NonForcing NonFit situation]
 2-2m - Fit showing
                                                                                  I-[Slam investigation]
   REL > Any Bid
                                                                                  I-[NoTrumps - partial context]
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2-1 NT
                                                                                     BRE > Third suit = None
 REL> Any Bid
                                                                                     BRE > Fourth Suit = None
    NNA> I NT
                                                                                   3-[NonForcing NonFit situation]
    CON> Suit Bid lower or equal ranking suit than Any Suit bid by opponents
                                                                                2-3 NT
    OWB> INT
                                                                                   REL> Any Bid
   OPB > Pass, DBL, RDBL
                                                                                     NNA> 3 NT
    BRU> +++++++ Rule Set | ++++++
                                                                                     CON> Suit Bid lower or equal ranking suit than Any Suit bid by opponents
   BRU > In our hands 18 - 21 HCP
                                                                                     OWB> 3NT
   BRU > In our hands 0 - 7 Spades
                                                                                     OPB > Pass, DBL, RDBL
   BRU > In our hands 0 - 7 Hearts
                                                                                     BRU> +++++++ Rule Set | ++++++
   BRU > In our hands 0 - 8 Diamonds
                                                                                     BRU > In our hands 24 - 31 HCP
                                                                                    BRU > In our hands 2 - 7 Spades
   BRU > In our hands 0 - 8 Clubs
   BRE > Opening suit = None
                                                                                     BRU > In our hands 2 - 7 Hearts
   BRE > Trump suit = None
                                                                                     BRU > In our hands 2 - 8 Diamonds
   BRE > First suit = None
                                                                                     BRU > In our hands 2 - 8 Clubs
   BRE > Second suit = None
                                                                                     BRE > Opening suit = None
   BRE > Third suit = None
                                                                                     BRE > Trump suit = None
   BRE > Fourth Suit = None
                                                                                     BRE > First suit = None
                                                                                     BRE > Second suit = None
 3-[Catch all bids - Pass]
 3-[Forcing NonFit situation]
                                                                                     BRE > Third suit = None
2-NT Jump after new suit I Level
                                                                                     BRE > Fourth Suit = None
  REL > Single jump higher suit
                                                                                   3-[NonForcing NonFit situation]
    NNA > NT Jump after new suit I Level
                                                                               I-[Direct Hand - NoTrumps]
    CON> Suit Bid lower or equal ranking suit than Any Suit bid by opponents
                                                                                 2-Competitive | NT
    OWB> 2NT
                                                                                   REL> Any Bid
   OPB > Pass, DBL, RDBL
                                                                                     NNA > Competitive | NT
   BRU> +++++++ Rule Set | ++++++
                                                                                     OWB> INT
   BRU> 17 - 20 HCP
                                                                                     OPB > Pass, DBL, RDBL, IC, ID, IH, IS
   BRU > I - 4 Spades; I - 4 Hearts; I - 5 Diamonds; I - 5 Clubs;
                                                                                     BRU> +++++++ Rule Set | ++++++
   BRU > 4 - 5 in a Suit #1
                                                                                     BRU > In our hands 18 - 21 HCP
   BRU > 3 - 4 in a Suit #2
                                                                                     BRU > In our hands 0 - 7 Spades
    BRU > 2 - 3 in a Suit #3
                                                                                     BRU > In our hands 0 - 7 Hearts
                                                                                    BRU > In our hands 0 - 8 Diamonds
   BRU> 1 - 3 in a Suit #4
   BRE > Opening suit = None
                                                                                     BRU > In our hands 0 - 8 Clubs
   BRE > Trump suit = None
                                                                                     BRU > In our hands 3 - 13 HCP in LHO first suit
                                                                                     BRU> In our hands 3 - 13 HCP in LHO second suit
   BRE > First suit = None
                                                                                     BRU > In our hands 3 - 13 HCP in RHO first suit
    BRE > Second suit = None
    BRE > Third suit = None
                                                                                     BRU > In our hands 3 - 13 HCP in RHO second suit
    BRE > Fourth Suit = None
                                                                                     BRU > In our hands 3 - 13 in LHO first suit
 3-[NonForcing NonFit situation]
                                                                                     BRU > In our hands 3 - 13 in LHO second suit
2-2 NT
                                                                                     BRU > In our hands 3 - 13 in RHO first suit
 REL> Any Bid
                                                                                     BRU > In our hands 3 - 13 in RHO second suit
                                                                                     BRE > Opening suit = None
    NNA> 2 NT
    CON> Suit Bid lower or equal ranking suit than Any Suit bid by opponents
                                                                                     BRE > Trump suit = None
                                                                                     BRE > First suit = None
    OWB> 2NT
    OPB > Pass, DBL, RDBL
                                                                                     BRE > Second suit = None
   BRU> +++++++ Rule Set | ++++++
                                                                                     BRE > Third suit = None
   BRU > In our hands 22 - 23 HCP
                                                                                     BRE > Fourth Suit = None
   BRU > In our hands 2 - 7 Spades
                                                                                   3-[NonForcing NonFit situation]
   BRU > In our hands 2 - 7 Hearts
                                                                                2-Competitive 2 NT
   BRU > In our hands 2 - 8 Diamonds
                                                                                   REL> Any Bid
    BRU > In our hands 2 - 8 Clubs
                                                                                     NNA > Competitive 2 NT
   BRU > 4 - 5 in a Suit #1
                                                                                     OWB> 2NT
    BRU > 3 - 4 in a Suit #2
                                                                                     OPB> Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S
   BRU> 3 - 4 in a Suit #3
                                                                                     BRU> +++++++ Rule Set | ++++++
   BRE > Opening suit = None
                                                                                     BRU > In our hands 22 - 23 HCP
   BRE > Trump suit = None
                                                                                    BRU > In our hands 2 - 7 Spades
    BRE > First suit = None
                                                                                     BRU > In our hands 2 - 7 Hearts
                                                                                     BRU > In our hands 2 - 8 Diamonds
    BRE > Second suit = None
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BRU > In our hands 2 - 8 Clubs
                                                                                        BRU > 3 - 3 in a Suit #3
     BRU > In our hands 3 - 13 HCP in LHO first suit
                                                                                        BRU > 3 - 3 in a Suit #4
     BRU > In our hands 3 - 13 HCP in LHO second suit
                                                                                        BRU > 3 - 3 in RHO first suit
     BRU > In our hands 3 - 13 HCP in RHO first suit
                                                                                        BRE > Opening suit = None
     BRU > In our hands 3 - 13 HCP in RHO second suit
                                                                                        BRE > Trump suit = None
     BRU > In our hands 3 - 13 in LHO first suit
                                                                                        BRE > First suit = None
     BRU > In our hands 3 - 13 in LHO second suit
                                                                                        BRE > Second suit = None
     BRU > In our hands 3 - 13 in RHO first suit
                                                                                        BRE > Third suit = None
     BRU > In our hands 3 - 13 in RHO second suit
                                                                                       BRE > Fourth Suit = None
     BRE > Opening suit = None
                                                                                      3-[Catch all bids - first bid in opening suit]
     BRE > Trump suit = None
                                                                                      3-[Forcing NonFit situation]
     BRE > First suit = None
                                                                                   2-Competitive DBL Opener I Level
     BRE > Second suit = None
                                                                                      REL > Any Bid
     BRE > Third suit = None
                                                                                        NNA > Competitive DBL Opener I Level
     BRE > Fourth Suit = None
                                                                                        OWB> DBL
   3-[NonForcing NonFit situation]
                                                                                        OPB > IC, ID, IH, IS
 2-Competitive 3 NT
                                                                                        BRU> +++++++ Rule Set | ++++++
   REL > Any Bid
                                                                                        BRU> 12 - 40 HCP
     NNA > Competitive 3 NT
                                                                                        BRU > 3 - 40 Modified HCP
     OWB> 3NT
                                                                                        BRE > Opening suit = None
     OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
                                                                                        BRE > Trump suit = None
                                                                                        BRE > First suit = None
     BRU> +++++++ Rule Set | ++++++
                                                                                        BRE > Second suit = None
     BRU > In our hands 24 - 31 HCP
                                                                                        BRE > Third suit = None
     BRU > In our hands 2 - 7 Spades
                                                                                        BRE > Fourth Suit = None
     BRU > In our hands 2 - 7 Hearts
                                                                                      3-[Catch all bids - first bid in opening suit]
     BRU > In our hands 2 - 8 Diamonds
                                                                                      3-[Forcing NonFit situation]
     BRU > In our hands 2 - 8 Clubs
                                                                                 I-[NonForcing - partial context]
     BRU > In our hands 3 - 13 HCP in LHO first suit
     BRU > In our hands 3 - 13 HCP in LHO second suit
                                                                                O-[Forcing NonFit situation]
     BRU > In our hands 3 - 13 HCP in RHO first suit
                                                                                 I-[Forcing - partial context]
     BRU> In our hands 3 - 13 HCP in RHO second suit
                                                                                      Forcing context, pass is not allowed, there are 'catch all bids'.
     BRU > In our hands 3 - 13 in LHO first suit
                                                                                    2-No Pass Allowed - forcing
     BRU > In our hands 3 - 13 in LHO second suit
                                                                                      REL > Any Bid
     BRU > In our hands 3 - 13 in RHO first suit
                                                                                       NNA > No Pass Allowed - forcing
     BRU > In our hands 3 - 13 in RHO second suit
                                                                                        OWB> Pass
     BRE > Opening suit = None
                                                                                        OPB > Pass
     BRE > Trump suit = None
                                                                                        BRU> +++++++ Rule Set | ++++++
     BRE > First suit = None
                                                                                        BRU> 40 - 40 HCP
     BRE > Second suit = None
                                                                                        BRE > Opening suit = None
     BRE > Third suit = None
                                                                                        BRE > Trump suit = None
     BRE > Fourth Suit = None
                                                                                        BRE > First suit = None
   3-[NonForcing NonFit situation]
                                                                                        BRE > Second suit = None
I-[Competitive DBLs and RDBs - partial context]
                                                                                        BRE > Third suit = None
 2-Competitive Negative (R)DBL I Level
                                                                                        BRE > Fourth Suit = None
   REL> Any Bid
                                                                                 I-[Fit Showing Cuebid]
     NNA > Competitive Negative (R)DBL I Level
                                                                                   2-Fit Showing Cuebid - Clubs
     OWB> DBL. RDBL
                                                                                      REL > Single jump higher suit
     OPB > DBL, IC, ID, IH, IS
                                                                                      REL > Single jump lower suit
     BRU> +++++++ Rule Set | ++++++
                                                                                        NNA > Fit Showing Cuebid - Clubs
     BRU > In our hands 20 - 40 HCP
                                                                                        CON> Suit Bid not the same suit as Any Suit bid by us
     BRU > 4 - 4 in a Suit #1
                                                                                        OWB> 3S, 4C, 4D, 4H
     BRU > 3 - 4 in a Suit #2
                                                                                        OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
     BRU > 3 - 4 in a Suit #3
                                                                                        3H, 3S, 3NT, 4C, 4D
     BRU > 0 - 2 in RHO first suit
                                                                                        BRU> +++++++ Rule Set | ++++++
     BRU> +++++++ Rule Set 2 +++++++
                                                                                        BRU > In our hands 28 - 40 HCP
     BRU > In our hands 20 - 40 HCP
                                                                                        BRU> I - 2 Tops of two in the suit bid
     BRU > 4 - 4 in a Suit #1
                                                                                        BRU > In our hands 9 - 13 Clubs
     BRU > 3 - 3 in a Suit #2
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BRU> +++++++ Rule Set 2 +++++++
                                                                                 3-[NonForcing NonFit situation]
                                                                               2-Fit Showing Cuebid - Diamonds
  BRU > In our hands 28 - 40 HCP
  BRU > In our hands 9 - 13 Clubs
                                                                                 REL > Single jump higher suit
  BRU > 0 - 1 in the suit bid
                                                                                 REL > Single jump lower suit
  BRE > Opening suit = None
                                                                                   NNA > Fit Showing Cuebid - Diamonds
  BRE > Trump suit = None
                                                                                   CON> Suit Bid not the same suit as Any Suit bid by us
  BRE > First suit = None
                                                                                   OWB> 3S, 4C, 4D, 4H
  BRE > Second suit = None
                                                                                   OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
  BRE > Third suit = None
                                                                                   3H, 3S, 3NT, 4C, 4D
  BRE > Fourth Suit = None
                                                                                   BRU> +++++++ Rule Set | ++++++
3-[Slam investigation]
                                                                                   BRU > In our hands 28 - 40 HCP
  4-Major Small Slam
                                                                                   BRU> I - 2 Tops of two in the suit bid
    REL > Any Bid
                                                                                   BRU > In our hands 9 - 13 Diamonds
      NNA > Major Small Slam
                                                                                   BRU> +++++++ Rule Set 2 +++++++
      OWB> 6H, 6S
                                                                                   BRU > In our hands 28 - 40 HCP
      OPB > Pass
                                                                                   BRU > In our hands 9 - 13 Diamonds
      BRU> +++++++ Rule Set | ++++++
                                                                                   BRU > 0 - 1 in the suit bid
      BRU> 32 - 40 HCP
                                                                                   BRE > Opening suit = None
      BRU > 8 - 13 in the suit bid
                                                                                   BRE > Trump suit = None
      BRE > Opening suit = None
                                                                                   BRE > First suit = None
      BRE > Trump suit = None
                                                                                   BRE > Second suit = None
      BRE > First suit = None
                                                                                   BRE > Third suit = None
      BRE > Second suit = None
                                                                                   BRE > Fourth Suit = None
      BRE > Third suit = None
                                                                                 3-[Slam investigation]
      BRE > Fourth Suit = None
                                                                                 3-[NonForcing NonFit situation]
    5-[NonForcing NonFit situation]
                                                                               2-Fit Showing Cuebid - Hearts
        Full context, contains the bidding in a nonforcing situation.
                                                                                 REL> Single jump higher suit
        Pass is an option, most bids on the same level or on the next
                                                                                 REL> Single jump lower suit
        level but below the opening suit are nonforcing and do not
                                                                                   NNA > Fit Showing Cuebid - Hearts
        promise extra values.
                                                                                   CON > Suit Bid not the same suit as Any Suit bid by us
  4-Minor Small Slam
                                                                                   OWB> 3S, 4C, 4D, 4H
    REL > Any Bid
                                                                                   OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
      NNA > Minor Small Slam
                                                                                   3H, 3S, 3NT, 4C, 4D
      OWB> 6C, 6D
                                                                                   BRU> +++++++ Rule Set | ++++++
      OPB > Pass
                                                                                   BRU> In our hands 28 - 40 HCP
      BRU> +++++++ Rule Set | ++++++
                                                                                   BRU> I - 2 Tops of two in the suit bid
      BRU> 32 - 40 HCP
                                                                                   BRU > In our hands 9 - 13 Hearts
      BRU > 9 - 13 in the suit bid
                                                                                   BRU> +++++++ Rule Set 2 +++++++
      BRE > Opening suit = None
                                                                                   BRU> In our hands 28 - 40 HCP
                                                                                   BRU > In our hands 8 - 13 Hearts
      BRE > Trump suit = None
      BRE > First suit = None
                                                                                   BRU > 0 - 1 in the suit bid
      BRE > Second suit = None
                                                                                   BRE > Opening suit = None
      BRE > Third suit = None
                                                                                   BRE > Trump suit = None
      BRE > Fourth Suit = None
                                                                                   BRE > First suit = None
    5-[NonForcing NonFit situation]
                                                                                   BRE > Second suit = None
  4-NT Small Slam
                                                                                   BRE > Third suit = None
    REL> Any Bid
                                                                                   BRE > Fourth Suit = None
      NNA> NT Small Slam
                                                                                 3-[Slam investigation]
      OWB> 6NT
                                                                                 3-[NonForcing NonFit situation]
      OPB > Pass
                                                                               2-Fit Showing Cuebid - Spades
      BRU> +++++++ Rule Set | ++++++
                                                                                 REL > Single jump higher suit
      BRU> 32 - 40 HCP
                                                                                 REL > Single jump lower suit
                                                                                   NNA > Fit Showing Cuebid - Spades
      BRE > Opening suit = None
      BRE > Trump suit = None
                                                                                   CON> Suit Bid not the same suit as Any Suit bid by us
      BRE > First suit = None
                                                                                   OWB> 3S, 4C, 4D, 4H
      BRE > Second suit = None
                                                                                   OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
      BRE > Third suit = None
                                                                                   3H, 3S, 3NT, 4C, 4D
                                                                                   BRU> +++++++ Rule Set | ++++++
      BRE > Fourth Suit = None
    5-[NonForcing NonFit situation]
                                                                                   BRU > In our hands 28 - 40 HCP
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BRU> I - 2 Tops of two in the suit bid
                                                                                               OPB > Pass
                                                                                               BRU> +++++++ Rule Set | ++++++
     BRU > In our hands 9 - 13 Spades
     BRU> +++++++ Rule Set 2 +++++++
                                                                                               BRU > 6 - 13 in the suit bid
     BRU > In our hands 28 - 40 HCP
                                                                                               BRU> +++++++ Rule Set 2 +++++++
     BRU > In our hands 8 - 13 Spades
                                                                                               BRU> I - I Aces in the suit bid
     BRU > 0 - I in the suit bid
                                                                                               BRU > 5 - 13 in the suit bid
     BRE > Opening suit = None
                                                                                               BRU > 3 - 5 Tops of five in the suit bid
     BRE > Trump suit = None
                                                                                               BRE > Opening suit = None
                                                                                               BRE > Trump suit = None
     BRE > First suit = None
     BRE > Second suit = None
                                                                                               BRE > First suit = None
     BRE > Third suit = None
                                                                                               BRE > Second suit = None
     BRE > Fourth Suit = None
                                                                                               BRE > Third suit = None
   3-[Slam investigation]
                                                                                               BRE > Fourth Suit = None
   3-[NonForcing NonFit situation]
                                                                                             7-[NonForcing NonFit situation]
I-[Rebid Own Suit(s) - partial context]
                                                                                           6-Last Hand Competitive Raise 2 Level
                                                                                             REL> Any Bid
 2-Nonjump Rebid First Suit One Level Up
   REL > One level up, lower suit
                                                                                               NNA > Last Hand Competitive Raise 2 Level
   REL > Same Suit One Level Up
                                                                                               CON> Suit Bid same suit as Any Suit bid by us
     This rebid is only available when partner has bid. But beware: the
                                                                                               OWB> 2C, 2D, 2H, 2S
     partnership rule and the modified HCP rule combine, so this bid can
                                                                                               OPB > Pass
                                                                                               BRU> +++++++ Rule Set | ++++++
     also be used if the hand is very strong.
     NNA > Nonjump Rebid First Suit One Level Up
                                                                                               BRU > In our hands 8 - 13 in the suit bid
                                                                                               BRU> +++++++ Rule Set 2 ++++++
     CON> Suit Bid same suit as My first Suit
     OWB > 2C, 2D, 2H, 2S, 3C, 3D, 3H, 3S
                                                                                               BRU > In our hands 18 - 21 HCP
     OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
                                                                                               BRU > 5 - 13 in the suit bid
     3H
                                                                                               BRE > Opening suit = None
     BRU> +++++++ Rule Set | ++++++
                                                                                               BRE > Trump suit = None
     BRU > 0 - 4 Modified HCP
                                                                                               BRE > First suit = None
                                                                                               BRE > Second suit = None
     BRU > 6 - 13 in the suit bid
     BRU > In our hands 16 - 40 HCP
                                                                                               BRE > Third suit = None
     BRE > Opening suit = None
                                                                                               BRE > Fourth Suit = None
     BRE > Trump suit = None
                                                                                             7-[NonForcing NonFit situation]
     BRE > First suit = None
                                                                                           6-Last Hand Competitive Suit I Level
     BRE > Second suit = None
                                                                                             REL> Any Bid
     BRE > Third suit = None
                                                                                               NNA> Last Hand Competitive Suit I Level
     BRE > Fourth Suit = None
                                                                                               OWB> IC, ID, IH, IS
   3-[NonForcing - partial context]
                                                                                               OPB > Pass
       Nonforcing bidding, a pass is available for all hands that have no
                                                                                               BRU> +++++++ Rule Set | ++++++
       other bids available.
                                                                                               BRU > 4 - 13 in the suit bid
      4-Nonforcing pass I Level
                                                                                               BRU > In our hands 16 - 40 HCP
       REL> Any Bid
                                                                                               BRE > Opening suit = None
         NNA > Nonforcing pass I Level
                                                                                               BRE > Trump suit = None
                                                                                               BRE > First suit = None
         OWB> Pass
         OPB > IC, ID, IH, IS, INT
                                                                                               BRE > Second suit = None
         BRU> +++++++ Rule Set | ++++++
                                                                                               BRE > Third suit = None
         BRU> 0 - 40 HCP
                                                                                               BRE > Fourth Suit = None
         BRE > Opening suit = None
                                                                                             7-[NonForcing NonFit situation]
         BRE > Trump suit = None
                                                                                           6-Last Hand Competitive DBL
         BRE > First suit = None
                                                                                             REL> Any Bid
                                                                                               NNA> Last Hand Competitive DBL
         BRE > Second suit = None
         BRE > Third suit = None
                                                                                               OWB> DBL
         BRE > Fourth Suit = None
                                                                                               OPB > Pass
                                                                                               BRU> +++++++ Rule Set | ++++++
       5-[Last hand competitive bidding I Level - partial context]
                                                                                               BRU > In our hands 16 - 40 HCP
           Competitive actions in the last hand.
         6-Last Hand Rebid Own Suit 2 Level
                                                                                               BRU > 3 - 5 in a Suit #1
           REL> Any Bid
                                                                                               BRU > 3 - 5 in a Suit #2
             NNA> Last Hand Rebid Own Suit 2 Level
                                                                                               BRU > 3 - 5 in a Suit #3
                                                                                               BRU > 0 - 2 in a Suit #4
             CON > Suit Bid same suit as My first Suit
             OWB> 2C, 2D, 2H, 2S
                                                                                               BRU > 0 - 2 in LHO first suit
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BRU > 0 - 2 in RHO first suit
                                                                                 7-[Forcing NonFit situation]
 BRE > Opening suit = None
                                                                               6-Last hand pass
 BRE > Trump suit = None
                                                                                 REL> Any Bid
 BRE > First suit = None
                                                                                   NNA > Last hand pass
 BRE > Second suit = None
                                                                                   OWB> Pass
 BRE > Third suit = None
                                                                                   OPB > Pass
 BRE > Fourth Suit = None
                                                                                   BRU> +++++++ Rule Set | ++++++
7-[Catch all - Partners Opening Suit]
                                                                                   BRU> 0 - 40 HCP
  8-Catch all bids - partners opening suit
                                                                                   BRE > Opening suit = None
    REL> Same level
                                                                                   BRE > Trump suit = None
   REL > One level up, lower suit
                                                                                   BRE > First suit = None
                                                                                   BRE > Second suit = None
     NNA > Catch all bids - partners opening suit
      CON > Suit Bid same suit as Partners opening Suit
                                                                                   BRE > Third suit = None
      OWB > 1C, 1D, 1H, 1S, 2C, 2D, 2H, 2S, 3C, 3D, 3H, 3S, 4C,
                                                                                   BRE > Fourth Suit = None
      4D, 4H, 4S, 5C, 5D, 5H, 5S
                                                                            5-[NonForcing NonFit situation]
      OPB > Pass
                                                                           4-Nonforcing pass 2 Level
      BRU> +++++++ Rule Set | ++++++
                                                                             REL > Any Bid
      BRU> 0 - 40 HCP
                                                                               NNA > Nonforcing pass 2 Level
                                                                               OWB> Pass
      BRE > Opening suit = None
      BRE > Trump suit = None
                                                                               OPB > 2C, 2D, 2H, 2S, 2NT
      BRE > First suit = None
                                                                               BRU> +++++++ Rule Set | ++++++
      BRE > Second suit = None
                                                                               BRU> 0 - 40 HCP
      BRE > Third suit = None
                                                                               BRE > Opening suit = None
      BRE > Fourth Suit = None
                                                                               BRE > Trump suit = None
    9-[NonForcing NonFit situation]
                                                                               BRE > First suit = None
7-[Catch all bids - first bid in opening suit]
                                                                              BRE > Second suit = None
  8-Catch all Opening Suit
                                                                              BRE > Third suit = None
   REL> Same level
                                                                               BRE > Fourth Suit = None
   REL > One level up, lower suit
                                                                             5-[Last hand competitive bidding 2 Level - partial context]
                                                                               6-Last Hand Rebid Own Suit 2 Level
      NNA > Catch all Opening Suit
      CON> Suit Bid same suit as My opening Suit
                                                                                 REL > Any Bid
      OWB > 1C, 1D, 1H, 1S, 2C, 2D, 2H, 2S, 3C, 3D, 3H, 3S, 4C,
                                                                               6-Last Hand Competitive Raise 2 Level
      4D, 4H, 4S, 5C, 5D, 5H, 5S, 6C, 6D, 6H, 6S
                                                                                 REL> Any Bid
      OPB > Pass
                                                                               6-Last Hand Competitive Raise 3 Level
      BRU> +++++++ Rule Set | ++++++
                                                                                 REL> Any Bid
      BRU> 0 - 40 HCP
                                                                                   NNA> Last Hand Competitive Raise 3 Level
      BRU > 5 - 13 in the suit bid
                                                                                   CON > Suit Bid same suit as Any Suit bid by us
      BRE > Opening suit = None
                                                                                   OWB> 3C, 3D, 3H, 3S
      BRE > Trump suit = None
                                                                                   OPB > Pass
                                                                                   BRU> +++++++ Rule Set | ++++++
      BRE > First suit = None
      BRE > Second suit = None
                                                                                   BRU > In our hands 9 - 13 in the suit bid
      BRE > Third suit = None
                                                                                   BRE > Opening suit = None
      BRE > Fourth Suit = None
                                                                                   BRE > Trump suit = None
    9-[NonForcing NonFit situation]
                                                                                   BRE > First suit = None
7-[Catch all bids - Pass]
                                                                                   BRE > Second suit = None
 8-Catch all Pass
                                                                                   BRE > Third suit = None
   REL> Any Bid
                                                                                   BRE > Fourth Suit = None
     NNA > Catch all Pass
                                                                                 7-[NonForcing NonFit situation]
      OWB> Pass
                                                                               6-Last Hand Balance Bid 2 Level
      OPB > Pass
                                                                                 REL > Any Bid
      BRU> +++++++ Rule Set | ++++++
                                                                                   NNA> Last Hand Balance Bid 2 Level
      BRU> 0 - 40 HCP
                                                                                   CON> Suit Bid not the same suit as Any Suit bid by opponents
      BRE > Opening suit = None
                                                                                   OWB> 2C, 2D, 2H, 2S
      BRE > Trump suit = None
                                                                                   OPB > Pass
      BRE > First suit = None
                                                                                   BRU> +++++++ Rule Set | ++++++
      BRE > Second suit = None
                                                                                   BRU> 8 - 11 HCP
                                                                                   BRU > 5 - 13 in the suit bid
      BRE > Third suit = None
                                                                                   BRU> +++++++ Rule Set 2 +++++++
      BRE > Fourth Suit = None
    9-[NonForcing NonFit situation]
                                                                                   BRU > 6 - 7 HCP
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BRU > 6 - 13 in the suit bid
                                                                                     BRE > Fourth Suit = None
       BRE > Opening suit = None
                                                                                  5-Last hand pass
       BRE > Trump suit = None
                                                                                     REL> Any Bid
       BRE > First suit = None
                                                                                   5-[NonForcing NonFit situation]
       BRE > Second suit = None
                                                                                 4-Nonforcing pass
       BRE > Third suit = None
                                                                                  REL> Any Bid
                                                                                     NNA > Nonforcing pass
       BRE > Fourth Suit = None
     7-[NonForcing NonFit situation]
                                                                                     OWB > Pass
                                                                                     OPB > Pass
   6-Last hand pass
                                                                                    BRU> +++++++ Rule Set I ++++++
     REL > Any Bid
 5-[NonForcing NonFit situation]
                                                                                    BRU> 0 - 40 HCP
4-Nonforcing pass 3 Level
                                                                                    BRE > Opening suit = None
 REL > Any Bid
                                                                                    BRE > Trump suit = None
   NNA > Nonforcing pass 3 Level
                                                                                    BRE > First suit = None
   OWB> Pass
                                                                                    BRE > Second suit = None
   OPB > 3C, 3D, 3H, 3S, 3NT
                                                                                    BRE > Third suit = None
   BRU> +++++++ Rule Set | ++++++
                                                                                    BRE > Fourth Suit = None
   BRU> 0 - 40 HCP
                                                                                  5-Last hand pass
   BRE > Opening suit = None
                                                                                     REL> Any Bid
   BRE > Trump suit = None
                                                                                   5-[NonForcing NonFit situation]
   BRE > First suit = None
                                                                               3-[Forcing NonFit situation]
   BRE > Second suit = None
                                                                             2-Nonjump Rebid First Suit Same Level
   BRE > Third suit = None
                                                                               REL> Same level
   BRE > Fourth Suit = None
                                                                               REL > Same suit, same level
 5-[Last hand competitive bidding 3 Level - partial context]
                                                                                 NNA > NonJump Rebid First Suit Same Level
   6-Last Hand Competitive Raise 3 Level
                                                                                 CON> Suit Bid same suit as My first Suit
     REL > Any Bid
                                                                                 OWB> 2C, 2D, 2H, 2S, 3C, 3D, 3H, 3S
                                                                                 OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
   6-Last hand pass
     REL> Any Bid
                                                                                 BRU> +++++++ Rule Set | ++++++
 5-[NonForcing NonFit situation]
4-Nonforcing pass 4 Level and higher
                                                                                 BRU > 0 - 4 Modified HCP
 REL> Any Bid
                                                                                 BRU > 5 - 13 in the suit bid
                                                                                 BRE > Opening suit = None
   NNA > Nonforcing pass 4 Level and higher
   OWB > Pass
                                                                                 BRE > Trump suit = None
   OPB> 4C, 4D, 4H, 4S, 4NT, 5C, 5D, 5H, 5S, 5NT, 6C, 6D, 6H, 6S, 6NT,
                                                                                 BRE > First suit = None
                                                                                 BRE > Second suit = None
   7C, 7D, 7H, 7S, 7NT
   BRU> +++++++
                                                                                 BRE > Third suit = None
   BRU> 0 - 40 HCP
                                                                                 BRE > Fourth Suit = None
   BRE > Opening suit = None
                                                                               3-[NonForcing - partial context]
   BRE > Trump suit = None
                                                                               3-[Forcing NonFit situation]
   BRE > First suit = None
                                                                             2-Jump Rebid First Suit
   BRE > Second suit = None
                                                                               REL > Single jump higher suit
   BRE > Third suit = None
                                                                               REL > Single jump lower suit
   BRE > Fourth Suit = None
                                                                               REL> Same suit, same level
                                                                               REL > Same Suit One Level Up
 5-Last hand pass
   REL> Any Bid
                                                                                Same thing as the nonjump.
 5-[NonForcing NonFit situation]
                                                                                 NNA > Jump Rebid First Suit
4-Nonforcing pass (R)DBL
                                                                                 CON> Suit Bid same suit as My first Suit
                                                                                 OWB> 3C, 3D, 3H, 3S, 4C, 4D, 4H, 4S
 REL > Any Bid
   NNA > Nonforcing pass (R)DBL
                                                                                 OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
   OWB> Pass
                                                                                 3H, 3S, 3NT, 4C, 4D, 4H
                                                                                 BRU> +++++++ Rule Set | ++++++
   OPB> DBL, RDBL
   BRU> +++++++ Rule Set | ++++++
                                                                                 BRU > 5 - 40 Modified HCP
                                                                                BRU > 6 - 13 in the suit bid
   BRU> 0 - 40 HCP
   BRE > Opening suit = None
                                                                                 BRU > In our hands 16 - 40 HCP
   BRE > Trump suit = None
                                                                                 BRE > Opening suit = None
   BRE > First suit = None
                                                                                 BRE > Trump suit = None
                                                                                 BRE > First suit = None
   BRE > Second suit = None
```

BRE > Second suit = None

BRE > Third suit = None

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BRE > Third suit = None
                                                                                      3-[Slam investigation]
     BRE > Fourth Suit = None
                                                                                      3-[Major game (investigation) - partial context]
   3-[NonForcing - partial context]
                                                                                      3-[NonForcing NonFit situation]
   3-[Forcing NonFit situation]
                                                                                  I-[Minor fit - partial context]
I-[Major fit - partial context]
                                                                                    2-2m - Fit showing
 2-2M - Fit showing
                                                                                      REL> Any Bid
   REL > Any Bid
                                                                                        NNA > 2m - Fit showing
     NNA > 2M - Fit showing
                                                                                        CON> Suit Bid same suit as Any Suit bid by us
     CON> Suit Bid same suit as Any Suit bid by us
                                                                                        OWB> 2C, 2D
     OWB> 2H, 2S
                                                                                        OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C
                                                                                        BRU> +++++++ Rule Set | ++++++
     OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H
     BRU> +++++++ Rule Set | ++++++
                                                                                        BRU > In our hands 18 - 21 HCP
     BRU > In our hands 18 - 21 HCP
                                                                                        BRU > In our hands 9 - 13 in the suit bid
     BRU > In our hands 8 - 9 in the suit bid
                                                                                        BRU > In our hands 0 - 7 Spades
     BRE > Opening suit = None
                                                                                        BRU > In our hands 0 - 7 Hearts
     BRE > Trump suit = Suit bid
                                                                                        BRE > Opening suit = None
     BRE > First suit = None
                                                                                        BRE > Trump suit = Suit bid
     BRE > Second suit = None
                                                                                        BRE > First suit = None
     BRE > Third suit = None
                                                                                        BRE > Second suit = None
     BRE > Fourth Suit = None
                                                                                        BRE > Third suit = None
                                                                                        BRE > Fourth Suit = None
   3-[Major game (investigation) - partial context]
   3-[NonForcing NonFit situation]
                                                                                      3-[Minor game (investigation) - partial context]
 2-3M - Fit showing
                                                                                      3-[NonForcing NonFit situation]
   REL> Any Bid
                                                                                    2-3m - Fit showing
     NNA > 3M - Fit showing
                                                                                      REL> Any Bid
     CON> Suit Bid same suit as Any Suit bid by us
                                                                                        NNA > 3m - Fit showing
     OWB> 3H, 3S
                                                                                        CON > Suit Bid same suit as Any Suit bid by us
     OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
                                                                                        OWB> 3C, 3D
                                                                                        OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C
     BRU> +++++++ Rule Set | ++++++
                                                                                        BRU> +++++++ Rule Set | ++++++
     BRU > In our hands 22 - 23 HCP
                                                                                        BRU > In our hands 22 - 25 HCP
     BRU > In our hands 8 - 9 in the suit bid
                                                                                        BRU > In our hands 9 - 13 in the suit bid
     BRE > Opening suit = None
                                                                                        BRU > In our hands 0 - 7 Spades
     BRE > Trump suit = Suit bid
                                                                                        BRU > In our hands 0 - 7 Hearts
     BRE > First suit = None
                                                                                        BRE > Opening suit = None
     BRE > Second suit = None
                                                                                        BRE > Trump suit = Suit bid
     BRE > Third suit = None
                                                                                        BRE > First suit = None
     BRE > Fourth Suit = None
                                                                                        BRE > Second suit = None
   3-[Major game (investigation) - partial context]
                                                                                        BRE > Third suit = None
   3-[NonForcing NonFit situation]
                                                                                        BRE > Fourth Suit = None
 2-4M - Fit showing
                                                                                      3-[Minor game (investigation) - partial context]
   REL> Any Bid
                                                                                      3-[NonForcing NonFit situation]
     NNA > 4M - Fit showing
                                                                                    2-5m - Fit showing
     CON> Suit Bid same suit as Any Suit bid by us
                                                                                      REL> Any Bid
     OWB> 4H, 4S
                                                                                        NNA > 5m - Fit showing
     OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
                                                                                        CON> Suit Bid same suit as Any Suit bid by us
     3H, 3S, 3NT, 4C, 4D, 4H
                                                                                        OWB> 5C, 5D
     BRU> +++++++ Rule Set | ++++++
                                                                                        OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
     BRU > In our hands 24 - 31 HCP
                                                                                        3H, 3S, 3NT, 4C, 4D, 4H, 4S, 4NT, 5C
                                                                                        BRU> +++++++ Rule Set | ++++++
     BRU > In our hands 8 - 9 in the suit bid
     BRU> +++++++ Rule Set 2 +++++++
                                                                                        BRU > In our hands 26 - 31 HCP
     BRU > In our hands 0 - 31 HCP
                                                                                        BRU > In our hands 9 - 13 in the suit bid
     BRU > In our hands 10 - 13 in the suit bid
                                                                                        BRU > In our hands 0 - 7 Spades
     BRE > Opening suit = None
                                                                                        BRU > In our hands 0 - 7 Hearts
     BRE > Trump suit = Suit bid
                                                                                        BRE > Opening suit = None
     BRE > First suit = None
                                                                                        BRE > Trump suit = Suit bid
     BRE > Second suit = None
                                                                                        BRE > First suit = None
     BRE > Third suit = None
                                                                                        BRE > Second suit = None
     BRE > Fourth Suit = None
                                                                                        BRE > Third suit = None
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BRE > Fourth Suit = None
                                                                                        BRE > Third suit = None
                                                                                        BRE > Fourth Suit = None
   3-[Slam investigation]
   3-[Minor game (investigation) - partial context]
                                                                                      3-[NonForcing NonFit situation]
   3-[NonForcing NonFit situation]
                                                                                    2-New Suit 2 Level High NonForcing
I-[New Suit Bids - Nonforcing]
                                                                                      REL> Same level
 2-New Suit I Level NonForcing
                                                                                      REL > One level up, lower suit
   REL> Same level
                                                                                        NNA > New Suit 2 Level High NonForcing
     NNA > New Suit I Level NonForcing
                                                                                        CON> Suit Bid higher or equal ranking suit than Any Suit bid by us
     OWB> IC, ID, IH, IS
                                                                                        CON> Suit Bid not the same suit as Any Suit bid by opponents
     OPB > Pass, DBL, RDBL, IC, ID, IH
                                                                                        CON> Suit Bid not the same suit as Any Suit bid by us
     BRU> +++++++ Rule Set | ++++++
                                                                                        OWB> 2C, 2D, 2H, 2S
     BRU > 4 - 13 in the suit bid
                                                                                        OPB> Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H
                                                                                        BRU> +++++++ Rule Set | ++++++
     BRU > In our hands 0 - 7 Spades
     BRU > In our hands 0 - 7 Hearts
                                                                                        BRU > 4 - 13 in the suit bid
     BRU > 0 - 4 Modified HCP
                                                                                        BRU> 3 - 40 Modified HCP
     BRE > Opening suit = None
                                                                                        BRE > Opening suit = None
     BRE > Trump suit = None
                                                                                        BRE > Trump suit = None
     BRE > First suit = None
                                                                                        BRE > First suit = None
     BRE > Second suit = None
                                                                                        BRE > Second suit = None
     BRE > Third suit = None
                                                                                        BRE > Third suit = None
     BRE > Fourth Suit = None
                                                                                        BRE > Fourth Suit = None
   3-[NonForcing NonFit situation]
                                                                                      3-[NonForcing NonFit situation]
 2-New Suit 2 Level Low NonForcing
                                                                                    2-New Suit 2 Level Other NonForcing
   REL> Same level
                                                                                      REL> Same level
   REL > One level up, lower suit
                                                                                      REL > One level up, lower suit
                                                                                        NNA > New Suit 2 Level Other NonForcing
     NNA > New Suit 2 Level Low NonForcing
     CON> Suit Bid lower or equal ranking suit than Any Suit bid by us
                                                                                        CON> Suit Bid not the same suit as Any Suit bid by us
                                                                                        CON> Suit Bid not the same suit as Any Suit bid by opponents
     CON> Suit Bid not the same suit as Any Suit bid by opponents
     CON> Suit Bid not the same suit as Any Suit bid by us
                                                                                        OWB> 2C, 2D, 2H, 2S
     OWB> 2C, 2D, 2H, 2S
                                                                                        OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H
     OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H
                                                                                        BRU> +++++++ Rule Set | ++++++
     BRU> +++++++ Rule Set | ++++++
                                                                                        BRU > 4 - 13 in the suit bid
     BRU> 4 - 13 in the suit bid
                                                                                        BRU > 5 - 40 Modified HCP
     BRU > 0 - 7 Spades; 0 - 7 Hearts;
                                                                                        BRE > Opening suit = None
     BRU > 0 - 4 Modified HCP
                                                                                        BRE > Trump suit = None
                                                                                        BRE > First suit = None
     BRE > Opening suit = None
     BRE > Trump suit = None
                                                                                        BRE > Second suit = None
     BRE > First suit = None
                                                                                        BRE > Third suit = None
     BRE > Second suit = None
                                                                                        BRE > Fourth Suit = None
     BRE > Third suit = None
                                                                                      3-[NonForcing NonFit situation]
     BRE > Fourth Suit = None
                                                                                    2-New Suit 3 Level Low NonForcing
   3-[NonForcing NonFit situation]
                                                                                      REL> Same level
 2-New Suit 2 Level Second Suit NonForcing
                                                                                      REL > One level up, lower suit
   REL> Same level
                                                                                        NNA > New Suit 3 Level Low NonForcing
                                                                                        CON> Suit Bid lower or equal ranking suit than Any Suit bid by us
   REL > One level up, lower suit
     NNA > New Suit 2 Level Second Suit NonForcing
                                                                                        CON> Suit Bid not the same suit as Any Suit bid by opponents
                                                                                        CON> Suit Bid not the same suit as Any Suit bid by us
     CON> Suit Bid lower or equal ranking suit than My first Suit
     CON> Suit Bid not the same suit as Any Suit bid by us
                                                                                        OWB> 3C, 3D, 3H, 3S
                                                                                        OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
     CON> Suit Bid not the same suit as Any Suit bid by opponents
     OWB> 2C, 2D, 2H, 2S
                                                                                        BRU> +++++++ Rule Set | ++++++
     OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H
     BRU> +++++++ Rule Set | ++++++
                                                                                        BRU > 4 - 13 in the suit bid
     BRU> 4 - 13 in the suit bid
                                                                                        BRU > 0 - 7 Spades; 0 - 7 Hearts;
     BRU > 5 - 13 in my first suit
                                                                                        BRU > 3 - 40 Modified HCP
     BRU > 0 - 4 Modified HCP
                                                                                        BRE > Opening suit = None
     BRE > Opening suit = None
                                                                                        BRE > Trump suit = None
     BRE > Trump suit = None
                                                                                        BRE > First suit = None
     BRE > First suit = None
                                                                                        BRE > Second suit = None
     BRE > Second suit = None
                                                                                        BRE > Third suit = None
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BRE > Fourth Suit = None
                                                                                      BRE > Fourth Suit = None
 3-[NonForcing NonFit situation]
                                                                                    3-[NonForcing NonFit situation]
2-New Suit 3 Level Second Suit NonForcing
                                                                                I-[Slam investigation]
  REL> Any Bid
                                                                                I-[NoTrumps - partial context]
    NNA> New Suit 3 Level Second Suit NonForcing
                                                                                 2-1 NT
    CON> Suit Bid lower or equal ranking suit than My first Suit
                                                                                    REL> Any Bid
    CON> Suit Bid not the same suit as Any Suit bid by us
                                                                                      NNA> I NT
    CON> Suit Bid not the same suit as Any Suit bid by opponents
                                                                                      CON> Suit Bid lower or equal ranking suit than Any Suit bid by opponents
    OWB > 3C, 3D, 3H, 3S
                                                                                      OWB> INT
    OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
                                                                                      OPB > Pass, DBL, RDBL
                                                                                      BRU> +++++++ Rule Set | ++++++
   BRU> +++++++ Rule Set | ++++++
                                                                                      BRU > In our hands 18 - 21 HCP
   BRU > 4 - 13 in the suit bid
                                                                                      BRU > In our hands 0 - 7 Spades
   BRU > 5 - 13 in my first suit
                                                                                      BRU > In our hands 0 - 7 Hearts
   BRU > 5 - 40 Modified HCP
                                                                                      BRU > In our hands 0 - 8 Diamonds
                                                                                      BRU > In our hands 0 - 8 Clubs
   BRE > Opening suit = None
    BRE > Trump suit = None
                                                                                      BRE > Opening suit = None
    BRE > First suit = None
                                                                                      BRE > Trump suit = None
    BRE > Second suit = None
                                                                                      BRE > First suit = None
    BRE > Third suit = None
                                                                                      BRE > Second suit = None
    BRE > Fourth Suit = None
                                                                                      BRE > Third suit = None
  3-[NonForcing NonFit situation]
                                                                                      BRE > Fourth Suit = None
2-New Suit 3 Level High NonForcing
                                                                                    3-[Catch all bids - Pass]
  REL> Same level
                                                                                    3-[Forcing NonFit situation]
 REL > One level up, lower suit
                                                                                 2-NT Jump after new suit I Level
   NNA > New Suit 3 Level High NonForcing
                                                                                    REL > Single jump higher suit
    CON> Suit Bid higher or equal ranking suit than Any Suit bid by us
                                                                                      NNA > NT Jump after new suit I Level
    CON> Suit Bid not the same suit as Any Suit bid by opponents
                                                                                      CON> Suit Bid lower or equal ranking suit than Any Suit bid by opponents
    CON> Suit Bid not the same suit as Any Suit bid by us
                                                                                      OWB> 2NT
                                                                                      OPB > Pass, DBL, RDBL
    OWB> 3C, 3D, 3H, 3S
    OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
                                                                                      BRU> +++++++ Rule Set | ++++++
                                                                                      BRU> 17 - 20 HCP
    BRU> +++++++ Rule Set | ++++++
                                                                                      BRU > I - 4 Spades; I - 4 Hearts; I - 5 Diamonds; I - 5 Clubs;
    BRU > 4 - 13 in the suit bid
                                                                                      BRU > 4 - 5 in a Suit #1
    BRU > 3 - 40 Modified HCP
                                                                                      BRU > 3 - 4 in a Suit #2
                                                                                      BRU> 2 - 3 in a Suit #3
   BRE > Opening suit = None
                                                                                      BRU> 1 - 3 in a Suit #4
    BRE > Trump suit = None
                                                                                      BRE > Opening suit = None
    BRE > First suit = None
    BRE > Second suit = None
                                                                                      BRE > Trump suit = None
    BRE > Third suit = None
                                                                                      BRE > First suit = None
    BRE > Fourth Suit = None
                                                                                      BRE > Second suit = None
 3-[NonForcing NonFit situation]
                                                                                      BRE > Third suit = None
2-New Suit 3 Level Other NonForcing
                                                                                      BRE > Fourth Suit = None
 REL> Same level
                                                                                    3-[NonForcing NonFit situation]
                                                                                 2-2 NT
 REL > One level up, lower suit
    NNA > New Suit 3 Level Other NonForcing
                                                                                    REL> Any Bid
   CON> Suit Bid not the same suit as Any Suit bid by us
                                                                                      NNA> 2 NT
    CON> Suit Bid not the same suit as Any Suit bid by opponents
                                                                                      CON> Suit Bid lower or equal ranking suit than Any Suit bid by opponents
    OWB> 3C, 3D, 3H, 3S
                                                                                      OWB> 2NT
    OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
                                                                                      OPB > Pass, DBL, RDBL
                                                                                      BRU> +++++++ Rule Set | ++++++
    BRU> +++++++ Rule Set | ++++++
                                                                                      BRU > In our hands 22 - 23 HCP
    BRU> 4 - 13 in the suit bid
                                                                                      BRU > In our hands 2 - 7 Spades
    BRU > 3 - 40 Modified HCP
                                                                                      BRU > In our hands 2 - 7 Hearts
    BRE > Opening suit = None
                                                                                      BRU > In our hands 2 - 8 Diamonds
    BRE > Trump suit = None
                                                                                      BRU > In our hands 2 - 8 Clubs
    BRE > First suit = None
                                                                                      BRU > 4 - 5 in a Suit #1
                                                                                      BRU > 3 - 4 in a Suit #2
    BRE > Second suit = None
                                                                                      BRU > 3 - 4 in a Suit #3
    BRE > Third suit = None
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BRU > In our hands 22 - 23 HCP
     BRE > Opening suit = None
     BRE > Trump suit = None
                                                                                        BRU > In our hands 2 - 7 Spades
     BRE > First suit = None
                                                                                        BRU > In our hands 2 - 7 Hearts
                                                                                        BRU > In our hands 2 - 8 Diamonds
     BRE > Second suit = None
     BRE > Third suit = None
                                                                                        BRU > In our hands 2 - 8 Clubs
     BRE > Fourth Suit = None
                                                                                        BRU > In our hands 3 - 13 HCP in LHO first suit
   3-[NonForcing NonFit situation]
                                                                                        BRU > In our hands 3 - 13 HCP in LHO second suit
 2-3 NT
                                                                                        BRU > In our hands 3 - 13 HCP in RHO first suit
                                                                                        BRU > In our hands 3 - 13 HCP in RHO second suit
   REL > Any Bid
     NNA> 3 NT
                                                                                        BRU > In our hands 3 - 13 in LHO first suit
     CON> Suit Bid lower or equal ranking suit than Any Suit bid by opponents
                                                                                        BRU > In our hands 3 - 13 in LHO second suit
     OWB> 3NT
                                                                                        BRU > In our hands 3 - 13 in RHO first suit
     OPB > Pass, DBL, RDBL
                                                                                        BRU > In our hands 3 - 13 in RHO second suit
     BRU> +++++++ Rule Set | ++++++
                                                                                        BRE > Opening suit = None
     BRU > In our hands 24 - 31 HCP
                                                                                        BRE > Trump suit = None
     BRU > In our hands 2 - 7 Spades
                                                                                        BRE > First suit = None
     BRU > In our hands 2 - 7 Hearts
                                                                                        BRE > Second suit = None
     BRU > In our hands 2 - 8 Diamonds
                                                                                        BRE > Third suit = None
     BRU > In our hands 2 - 8 Clubs
                                                                                        BRE > Fourth Suit = None
     BRE > Opening suit = None
                                                                                      3-[NonForcing NonFit situation]
     BRE > Trump suit = None
                                                                                   2-Competitive 3 NT
     BRE > First suit = None
                                                                                      REL> Any Bid
                                                                                        NNA > Competitive 3 NT
     BRE > Second suit = None
     BRE > Third suit = None
                                                                                        OWB> 3NT
     BRE > Fourth Suit = None
                                                                                        OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S, 2NT, 3C, 3D,
   3-[NonForcing NonFit situation]
                                                                                        3H. 3S
I-[Direct Hand - NoTrumps]
                                                                                        BRU> +++++++ Rule Set | ++++++
                                                                                        BRU > In our hands 24 - 31 HCP
 2-Competitive | NT
   REL > Any Bid
                                                                                        BRU > In our hands 2 - 7 Spades
     NNA > Competitive I NT
                                                                                        BRU > In our hands 2 - 7 Hearts
     OWB> INT
                                                                                        BRU > In our hands 2 - 8 Diamonds
     OPB > Pass, DBL, RDBL, IC, ID, IH, IS
                                                                                        BRU > In our hands 2 - 8 Clubs
     BRU> +++++++ Rule Set | ++++++
                                                                                        BRU > In our hands 3 - 13 HCP in LHO first suit
     BRU > In our hands 18 - 21 HCP
                                                                                        BRU > In our hands 3 - 13 HCP in LHO second suit
     BRU > In our hands 0 - 7 Spades
                                                                                        BRU > In our hands 3 - 13 HCP in RHO first suit
     BRU > In our hands 0 - 7 Hearts
                                                                                        BRU> In our hands 3 - 13 HCP in RHO second suit
     BRU > In our hands 0 - 8 Diamonds
                                                                                        BRU > In our hands 3 - 13 in LHO first suit
     BRU > In our hands 0 - 8 Clubs
                                                                                        BRU > In our hands 3 - 13 in LHO second suit
     BRU > In our hands 3 - 13 HCP in LHO first suit
                                                                                        BRU > In our hands 3 - 13 in RHO first suit
     BRU > In our hands 3 - 13 HCP in LHO second suit
                                                                                        BRU > In our hands 3 - 13 in RHO second suit
     BRU > In our hands 3 - 13 HCP in RHO first suit
                                                                                        BRE > Opening suit = None
     BRU > In our hands 3 - 13 HCP in RHO second suit
                                                                                        BRE > Trump suit = None
     BRU > In our hands 3 - 13 in LHO first suit
                                                                                        BRE > First suit = None
     BRU > In our hands 3 - 13 in LHO second suit
                                                                                        BRE > Second suit = None
     BRU > In our hands 3 - 13 in RHO first suit
                                                                                        BRE > Third suit = None
     BRU > In our hands 3 - 13 in RHO second suit
                                                                                        BRE > Fourth Suit = None
     BRE > Opening suit = None
                                                                                      3-[NonForcing NonFit situation]
     BRE > Trump suit = None
                                                                                 I-[Competitive DBLs and RDBs - partial context]
     BRE > First suit = None
                                                                                   2-Competitive Negative (R)DBL I Level
     BRE > Second suit = None
                                                                                      REL > Any Bid
     BRE > Third suit = None
                                                                                        NNA > Competitive Negative (R)DBL I Level
                                                                                        OWB> DBL, RDBL
     BRE > Fourth Suit = None
   3-[NonForcing NonFit situation]
                                                                                        OPB > DBL, IC, ID, IH, IS
 2-Competitive 2 NT
                                                                                        BRU> +++++++ Rule Set | ++++++
   REL> Any Bid
                                                                                        BRU > In our hands 20 - 40 HCP
     NNA > Competitive 2 NT
                                                                                        BRU > 4 - 4 in a Suit #1
                                                                                        BRU > 3 - 4 in a Suit #2
     OWB> 2NT
     OPB > Pass, DBL, RDBL, IC, ID, IH, IS, INT, 2C, 2D, 2H, 2S
                                                                                        BRU > 3 - 4 in a Suit #3
     BRU> +++++++ Rule Set | ++++++
                                                                                        BRU > 0 - 2 in RHO first suit
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BRU> +++++++ Rule Set 2 +++++++
     BRU > In our hands 20 - 40 HCP
     BRU > 4 - 4 in a Suit #1
     BRU > 3 - 3 in a Suit #2
     BRU> 3 - 3 in a Suit #3
     BRU > 3 - 3 in a Suit #4
     BRU > 3 - 3 in RHO first suit
     BRE > Opening suit = None
     BRE > Trump suit = None
     BRE > First suit = None
     BRE > Second suit = None
     BRE > Third suit = None
     BRE > Fourth Suit = None
   3-[Catch all bids - first bid in opening suit]
   3-[Forcing NonFit situation]
  2-Competitive DBL Opener I Level
   REL> Any Bid
      NNA > Competitive DBL Opener I Level
     OWB> DBL
     OPB > IC, ID, IH, IS
     BRU> +++++++ Rule Set | ++++++
     BRU> 12 - 40 HCP
     BRU> 3 - 40 Modified HCP
     BRE > Opening suit = None
     BRE > Trump suit = None
     BRE > First suit = None
     BRE > Second suit = None
     BRE > Third suit = None
     BRE > Fourth Suit = None
   3-[Catch all bids - first bid in opening suit]
   3-[Forcing NonFit situation]
I-[NonForcing - partial context]
```

O-[Major Game Trials Forcing - partial context]

O-[Minor Game Trials Forcing - partial context]