



# A DESCRIPTION OF TURKISH-ENGLISH PHONOLOGY FOR TEACHING ENGLISH IN TURKEY<sup>1</sup>

TÜRKİYE'DE İNGİLİZCE ÖĞRETİMİ İÇİN TÜRK-İNGİLİZCESİNİN  
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## ABSTRACT

The use of English as an international language has resulted inevitably in a blending of English and the first languages of the users. One particular consequence of this contact has been the creation of a system involving the phonemic features of the two languages, one such variety being Turkish-English phonology. The objective of this article is to provide Turkish teachers of English with a description of realistic and at the same time intelligible pronunciation for teaching and testing purposes. For this purpose, data from bilinguals and teacher trainers as well as advanced learners of English have been utilized. In view of the strong arguments in the literature that it is unrealistic to expect learners to accomplish native speaker norms in pronunciation, what is needed, methodologically, is an approach or framework that recognizes the learner's linguistic background as well as the contexts that involve nonnative-nonnative discourse participants. The suggested framework involves a reduced but intelligible phonological system for language learners to successfully communicate in English internationally. The paper concludes the description of Turkish-English phonology by reducing the number of phonemes by 8 from a studied total of 23 phonemes from Received Pronunciation. Teachers of pronunciation can make use of the suggested pronunciation framework for effective, viable and realistic teaching targets.

**Key Words:** international communication, intelligibility, bilingual phonology, Turkish-English, testing

## ÖZ

İngilizcenin uluslararası bir dil olarak kullanımı kaçınılmaz olarak İngilizce ile bu dili kullananların birinci dilleri arasında bir karışımı ortaya çıkarmıştır. Bu temasın önemli sonuçlarından biri iki dilin fonemik özelliklerini içeren bir sistem oluşmasıdır ki bu Türk-İngilizce sesbilimidir (sesletimidir). Bu makalenin amacı Türk İngilizce öğretmenlerine test ve öğretim amaçlarına yönelik gerçekçi ve aynı zamanda anlaşılır bir telaffuz sunmaktır. Bu amaçla iki dilli bireyler, öğretmen eğitimcileri ve ileri seviyede İngilizce öğrencilerinden elde edilen verilerden yararlanılmıştır. Alanyazında öğrencilerden ana dil normlarında ikinci dil telaffuzu beklemenin gerçekçi olmaması yönünde yer alan kuvvetli gerekçeler göz önünde bulundurularak, metodolojik olarak gereken, İngilizce'yi ana dil olarak kullanmayan söylem katılımcıları içeren bağlamların yanısıra öğrencinin dilsel birikimini tanıyan bir yaklaşımın veya yapının dikkate alınmasıdır. Önerilen model, İngilizce öğrenenlerin uluslararası platformda başarılı bir şekilde iletişim kurmalarına yönelik indirgenmiş fakat anlaşılır bir ses sistemi içermektedir. Bu makale Standart İngiliz İngilizcesi'nin toplam 23 foneminden 8 tanesinin çıkartılması sonucu ortaya çıkan Türk İngilizce sesletiminin tarifini ortaya koymaktadır. Telaffuz öğretmenleri önerilen telaffuz yapısından etkili, uygulanabilir ve gerçekçi öğretim amaçları için faydalanabilirler.

**Anahtar Kelimeler:** uluslararası iletişim, anlaşılabilirlik, ikidilli sesletim, Türk İngilizcesi, ölçme

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## **INTRODUCTION**

Pronunciation has been an area of major concern in the teaching of second/foreign languages since the demise of the grammar-translation approach. The insistence on perfect pronunciation peaked in the decades when the Audio-Lingual Approach was unrivalled. When it was superseded by the now most popular Communicative Language Teaching (CLT), pronunciation became relegated to a less important position since the chief concern was regarded as the communication of meaning, as opposed to the form (pronunciation) that carries it. However, the issue of pronunciation has been one major point of dissatisfaction and complaint by many learners and users of English (Canagarajah, 1999), whose number is estimated to have reached one billion. On the right grounds or not, these users wish to get rid of their accent for various reasons, at a cost of reducing the focus on, perhaps, more relevant domains and skills.

As second language research has revealed in the past decades, pronunciation is the only component of second/foreign language learning process in which adult learners are highly unlikely to achieve native-like accuracy no matter how much effort is placed on it (Marinova-Todd, Marshall, and Snow, 2000). This testimonial has warranted a more realistic approach by re-examining the pronunciation targets in syllabus designs. In this sense, this study answers McKay's (2002: 41) plea: "... teaching English as an international language requires that researchers and educators thoroughly examine individual learners' specific uses of English within their particular speech community as a basis for determining learning goals." Similar demands are made by others (Alptekin, 2002; Jenkins, 2000).

In view of these observations, a framework can be developed for both the teaching and testing of pronunciation, based on recognition of the individual learners' linguistic background, i.e. first language. The suggested framework is based on the practices and communication strategies of Turkish-English bilinguals as well as learners of English when they communicate with native speakers (NSs) as well as non-native speakers (NNSs) of English. Although the contextual focus of the study is on Turkish-English, its broader appeal lies in its setting an example for other foreign language teaching/learning milieu in their efforts towards a realistic and workable pronunciation syllabus and assessment.

The study first examines the stance of CLT in regards to providing viable, achievable and learnable pronunciation objectives. Secondly, it considers recent studies that stress the international nature of the task in hand and, therefore, argue against the imposition of native speaker forms as achievable targets. Thirdly, it examines the communication strategies of Turkish-English bilinguals in struggling with the task of getting the pronunciation right. The study finally suggests a slightly reduced and thus a more feasible and teachable English phonological system by considering the

two main and influential varieties of English: Received Pronunciation (RP) and General American (GA).

### **PRONUNCIATION AND COMMUNICATIVE LANGUAGE TEACHING**

The notion of communicative competence was first used by the sociolinguist Dell Hymes as a reaction to the linguist Noam Chomsky's notion of language, which takes the competence/knowledge of the 'ideal speaker' as the core of language phenomenon. Breaking away with the influential Chomskyan tradition of thinking, Hymes (1972) conceptualized 'communicative competence' as the ability not only to apply the linguistic (i.e. phonological, morphological, and syntactic) rules of a language to form correct sentences/utterances, but also the ability to utilize and comprehend these utterances 'appropriately' in communicative contexts. The term appropriately assumes significance here: it can mean the use of cultural, sociolinguistic as well as pragmatic knowledge since the act of communication does not take place in vacuum, devoid of these precepts. Hymes' understanding of language as an instant communicative device has been more appealing to language teaching pedagogy because the needs and demands of second/foreign language learners required a working command of language rather than substantial knowledge 'about' the language. Therefore, this conception of language has been extensively applied to second language teaching and learning by methodologists since the prevailing purpose of language learning throughout the world has been to communicate.

Elaboration of communicative competence by Canale and Swain (1980) and Canale (1983), to note only a few, has produced an influential approach: the Communicative Approach, also known as Communicative Language Teaching (CLT). In the teaching of English both as a second and foreign language, CLT has been exercising great influence on curriculum design and classroom practice. Originated and elaborated upon in the English speaking countries for application in second language classrooms, CLT has also been adopted for distressed foreign language classrooms all over the world. CLT rests on the recognition of native speaker norms and 'considers target-language based communicative competence to be essential in order for the foreign language learner to participate fully in the target language culture' (Alptekin 2002:58). Thus, the workload of the learner included learning the target culture as well as a mastery of the target language similar to that of a native speaker, an objective far fetched in view of the amount of time and effort expended by average learner.

As has been the case with its predecessors, CLT has developed into various versions as it ran into difficulties arising from its application both in second and foreign language classrooms. The more recent (strong) versions of CLT have had to somewhat de-emphasize the role of native speaker norms in

setting goals for all competencies, in particular, pronunciation (phonological), as accent can never be rectified to satisfactory levels after the critical period, i.e. puberty. Therefore, the objective of ‘native-like’ pronunciation had to be abandoned as two major observations have appeared to invalidate the position taken by the proponents of the original (weak) versions of communicative competence: 1) impossibility of the native speaker’s phonological system for the (typical) learner to accomplish, and 2) the notion of ideal native speaker is both void and dialectal (Alptekin 2002; McKay 2002; Jenkins 2000).

Therefore, this conception of an ego-centric prescription of authentic language use, or real English, primarily designed for use by immigrants in English speaking countries, has recently been challenged extensively for various reasons, ranging from inadequacies of target language culture application in the classroom to the utopian and unrealistic nature of expectations from the learners, and to the impossibility of the acquisition of native speaker phonological systems in non-English speaking countries (Alptekin 2002; McKay 2002; Jenkins 2000; Crystal 1998). Furthermore, the aim of the learner may not be to perform transactions with monolingual native speakers. The aforementioned, and similar, considerations have shaped the recent (strong) version of communicative language teaching, where broader emphasis is placed on the communication of meaning, reducing expectations in respect of phonological accuracy.

The issue of whether pronunciation should be taught with as much vigor as other competences (i.e. grammar, vocabulary) and if so, what model should be adopted for pronunciation teaching, has been extensively debated in recent times (Yasukata, 2001; Van der Walt, 2000; Shibles, 1995). Among those that agree on the teaching of pronunciation, Shibles (1995), for instance, pointed out the complicated problems in defining a standard (i.e. uniform, compact) pronunciation and further noted that even Received Pronunciation (RP, which is standard British English) is marred with many dilemmas relating to its extensive variations in written-spoken, institutional-social, formal-colloquial choices. A viable solution, however, comes from studies such as Yasukata (2001) and Van der Walt (2000), who suggest that the notion of comprehensibility and intelligibility could be adopted since the primary purpose in communication is the apprehension of meaning in the broadest sense, and not necessarily the form of the utterance itself.

Recent methodological tendency recognizes the plural nature of English; English does not have a monolithic structure but a varied one in numerous respects, as evident in the existence of continental varieties (e.g. General American, Received Pronunciation, Australian and New Zealand English) and their dialects (e.g. Scottish English, Irish English, and Birmingham English in the United Kingdom). In addition to recognition of linguistic varieties, which necessarily forces us to choose one variety as the native speaker form, Alptekin (2002), alongside many others (i.e. McKay,

2002; Nihalani, 1997), suggests that both the local and international needs and contexts should be prioritized, which inevitably requires syllabus designers to consider international needs and thus perspectives in the teaching of English.

### **TEACHING ENGLISH AS AN INTERNATIONAL LANGUAGE**

English is no longer in the hegemony of monolingual native speakers as they are outnumbered by bilingual speakers of English (Crystal 1998). It is in this context that the term “English as an International Language” (EIL), which encapsulates the practices and contributions of users of English with non-English backgrounds, finds currency among scholars such as Alptekin (2002), McKay (2002), and Jenkins (2000, 2002). Adoption of this notion brought with it what would become key terms such as ‘international intelligibility’, ‘international pronunciation’, ‘mutual intelligibility’, and ‘mutual understanding’ in order to emphasize the optimum, perhaps the least number of, requirements for communication.

In the same vein, McKay (2002) demands the replacement of native speaker forms with a model that recognizes the international character of English as spoken all over the world. She suggests that language teaching norms not be confined to the Inner Circle countries (such as England and the United States). They should be extended to include not only the Outer Circle countries such as Singapore and India where English has undergone a nativization process (Nihalani, 1997), but also to the Expanding Circle countries such as Turkey and Italy where English is taught as a foreign language.

In quests calling for an international perspective, the pronunciation aspect of International English has been one area of research. For instance, Nihalani (1997: 99) adopts a pragmatic approach in the planning of teaching pronunciation when he suggests that “the foreign learner adopts certain core features of English in his pronunciation if he is to use English effectively as an ‘international language’.” He argues convincingly that it is somewhat odd to emphasize the need to teach learners to conform to Received Pronunciation (RP) at a time when no one thinks or even dares ask Scottish speakers or North Americans to do the same. Nihalani’s basic suggestion is that pronunciation should be universally intelligible. In the same vein, Jenkins (2000) argues, through an examination of discourse between non-native speakers, for the recognition of what she terms ‘lingua franca core’, that is, those phonological features that have to be present if non-native speakers wish to remain intelligible among each other. She observes that /θ/ and /t/ are permissible as they do not hinder communication: “there is really no justification for doggedly persisting in referring to an item as ‘an error’ if the vast majority of the world’s English speakers produce and understand it” (p.160).

## **BILINGUAL PHONOLOGY AS A MODEL FOR TEACHING**

Nihalani's arguments for the need to form a model of pronunciation for International Language are almost identical to those of Jenkins (2002). What Jenkins calls a 'lingua franca core' for pronunciation can actually be worked out to enable non-native speakers of English to converse among themselves, as opposed to discourse between native and non-native speakers (which was essentially the point taken up in Nihalani). Jenkins' study can be considered a major attempt in that it investigates conversations between non-native speakers of English with Taiwanese and Korean backgrounds. Noting the break-down boundaries for intelligibility based on examples from the recorded conversations, she concludes with an elaborate system of rules for the phonology of English as an International Language.

The present study is primarily inspired by both Nihalani (1997) and Jenkins (2002), and therefore takes them as a model for creating a Turkish-English phonology that can be used in communication between bilingual Turkish speakers and NSs on one hand, and NNSs of English on the other. The suggested phonology resembles many other models in that it shares common core features with those of Standard Singaporean English (SSE) and Educated Indian English (EIE) (see below). The recognition of the international status of English and what follows from this into syllabus design and classroom practices is bound to bring about inherent problems associated with the attempt to suggest a framework. Questions such as these are not easy to answer: What is intelligibility? What is the optimum number of pronunciation features for relatively successful communication between NSs of English and NNSs?

Smith and Rafiqzad (1983:61) define intelligibility as the "capacity for understanding a word or words when spoken/read in the context of a sentence being spoken/read at natural speed." It needs to be emphasized here that contextual cues provide vital support for intelligibility. It is important to identify the extent to which intelligibility in NS-NNS or NNS-NNS interaction can break down at the phonological level. If certain phonological features are implicated in the breakdown, they should be part of the pronunciation teaching. Then, the optimum number of phonological features, which can be called 'bilingual phonology,' would include those sounds whose less-than-perfect pronunciation (or replacement by features present in the mother tongue) will not break down natural communication.

On the issue of what pedagogic model should be adopted for English in a foreign language context, Alptekin (2002:63) suggests that "successful bilinguals with intercultural insights and knowledge serve as pedagogic models in English as an International Language (EIL) rather than the monolingual native speaker." We may comfortably extend Alptekin's plea to the area of pronunciation too. Support for this kind of stance comes from McKay (2002), who questions the hegemony of native speaker forms in

English language teaching given the de-territorialized nature of international English. Instead, she proposes a model based on the norms of bilingual speakers.

It is common knowledge that there are two major varieties (i.e. dialects) that command respect in their countries and elsewhere in the world: RP in the United Kingdom and General American (GA) English (though they suffer from the inherent problems associated with their descriptions). Turkish-English bilinguals usually get their bilingual status through exposure to the varieties spoken in these two countries. More often than not, there are more TE bilinguals with the GA accent because of the intense educational, economic, diplomatic, and military contacts with the United States. Besides, what makes a TE bilingual's accent sound more like GA lies in the relative approximation of the GA and the Turkish phonological systems. For instance, generally speaking, the pronunciation of / r / is audible in the GA variety in all positions in the syllable whereas in RP it is limited to syllable-initial and syllable-medial positions. Given that learners are exposed to English spelling and that Turkish is fundamentally a phonemic language, speakers of Turkish are tempted to pronounce / r / even when they wish to speak with an RP accent. Therefore, TE bilinguals are usually described as having a flavor of the GA accent.

### **METHOD**

The participants in this study can be classified as Turkish-English bilinguals (5 participants), English-Turkish bilinguals (2), teacher trainers (4), and advanced learners of English (5). The Turkish-English bilinguals were very advanced and balanced users of the two languages with at least a few years of exposure to English in an English speaking country. English-Turkish bilinguals were the children of Turkish immigrants to English speaking countries with their primary, secondary and tertiary education taking place in the English speaking countries. Advanced learners of English were the top five students in an English Language Teaching department where the author worked.

The instruments used included interviews, reading tasks, and informed judgments. First, participants were interviewed in a free conversation, recorded for later transcription and analysis. Secondly, they were asked to read some words (see Appendix I), which was also audio recorded. The analyses obtained from the transcriptions clearly described the phonological features. Finally, they were asked to report on the results of transcriptions in regard to whether and how often the identified phonological features occur in the speech of their colleagues, bilinguals and advanced learners of English. Further, they were also asked to listen to the taped conversations and reading tasks to

discover whether the phonological units under investigation were intelligible both in and out of context.

The results of the analyses are presented below. Three strategies were observed to be used by the participants in the study: 1) utilizing variation across GA and RP, 2) collapsing similar sounds, and 3) orthographically induced pronunciation. As the number of participants for each category was few, tables do not include percentage and frequency of use, production and endorsement. Instead, the results should be taken to be the general endorsement of the participants.

## RESULTS

### Utilizing Variation across Major Varieties

One strategy taken by learners was one that could accommodate both types of preferences as well as uses: GA and RP. This strategy can be justified given that a majority of GA speakers can converse with their RP counterparts with relative ease. As such, TE bilinguals deserve to be allowed to use whichever form they are capable of producing providing they stay within the limits of intelligibility. Having in mind the proximity of Turkish to GA in terms of sound characteristics, I present below certain variations in the two major varieties and indicate for each example what typical strategies TE bilinguals are more likely to adopt.

**Table 1: Free Variation between GA /r/ and the Absence of it in RP.<sup>3</sup>**

Examples	RP	GA	TE
<i>car</i>	/kɑ:/	/kɑ:r/	/kɑ:r/
<i>before</i>	/bɪ'fɔ:/	/bɪ'fɔ:r/	/bɪ'fɔ:r/
<i>Turkish</i>	/'tɜ:kɪʃ/	/'tɜ:rkiʃ/	/'tɜ:rkiʃ/

**Table 2: Free Variation between RP /əʊ/ and GA /ou/**

Examples	RP	GA	TE
<i>go</i>	/gəʊ/	/gou/	/gou/
<i>so</i>	/səʊ/	/sou/	/sou/
<i>gold</i>	/gəʊld/	/gould/	/gould/
<i>goal</i>	/gəʊl/	/goul/	/goul/
<i>post</i>	/pəʊst/	/poust/	/poust/

<sup>3</sup> The phonetic transcriptions given are all taken from Oxford Advanced Learner's Dictionary, 2000.

**Table 3: Free Variation between RP /ɒ/ and GA /ɑ/.**

Examples	RP	GA	TE
<i>got</i>	/gɒt/	/gɑ:t/	/gɑ:t/
<i>pot</i>	/pɒt/	/pɑ:t/	/pɑ:t/
<i>lot</i>	/lɒt/	/lɑ:t/	/lɑ:t/
<i>lottery</i>	/'lɒtəri/	/'lɑ:təri/	/'lɑ:təri/

**Table 4: Free Variation between RP /ʊə/ and GA /ʊr/.**

Examples	RP	GA	TE
<i>pure</i>	/pjʊə/	/pjʊr/	(both)
<i>cure</i>	/kjʊə/	/kʊr/	(both)
<i>sure</i>	/ʃʊə/	/ʃʊr/	(both)

### Collapsing Similar Sounds

The second strategy bilinguals appeared to use is the replacement of some English sounds by their approximations in English, which also exist in Turkish.

**Table 5: /e/ and /æ/ are Collapsed to Produce /e/**

Examples	Phonemically Different	TE for both
<i>man vs. men</i>	/mæn/ vs. /men/	/men/
<i>bad vs. bed</i>	/bæd/ vs. /bed/	/bed/
<i>marry vs. merry</i>	/'mæri/ vs. /'meri/	/'meri/

Another case of approximation occurs with the two consonant phonemes (/θ/ and /ð/) that Turkish does not have. /θ/ is replaced by /t/ while /ð/ is replaced by /d/, both of the latter are phonemes in Turkish. Consider Table 6 for examples.

**Table 6: Replacement of /θ/ and /ð/ by /t/ and /d/ Respectively**

Examples	RP / GA	TE
<i>three</i>	/θri/	/tri/
<i>thank</i>	/θæŋk/	/tæŋk/
<i>think</i>	/θɪŋk/	/tɪŋk/
<i>this</i>	/ðɪs/	/dɪs/
<i>there</i>	/ðeɪr/	/deɪr/
<i>them</i>	/ðem/	/dem/

Although the consonant /v/ is a phoneme in Turkish whose allophone is /w/, it is not used for its counterpart in English. Interestingly, the glide /w/ replaces most occurrences of /v/ in English. Further, words like ‘have’ /hæv/ can also be pronounced /hæf/ because of the devoicing rule in word final position in Turkish.

**Table 7: Replacement of /v/ by /w/**

Examples	RP / GA	TE
<i>have</i>	/hæv/	/hæw/ - /hæf/
<i>very</i>	/veri/	/weri/
<i>several</i>	/ˈsevrəl/	/ˈsewrəl/
<i>moving</i>	/ˈmu:vɪŋ/	/ˈmu:wɪŋ/
<i>prevent</i>	/prɪ'vent/	/prɪ'went/

A slightly different strategy involved both collapsing and replacement of the collapsed sounds by a distinct Turkish phoneme. One such case involves three vowels: /ɑ:/ /ɒ/ and /ʌ/. While they can be interchangeably used, one form, /ɑ/, dominates in bilingual pronunciation. /ɑ/, which exists neither in RP nor GA, is described as a “low, back, open, unrounded vowel” by Lewis. It is more like the ‘a’ of French *avoir*. Consider Table 8.

**Table 8: /ʌ/, /ɒ/ and /ɑ:/ are Collapsed to Produce Turkish /ɑ/**

Examples	RP	GA	TE
<i>but</i>	/bʌt/	/bʌt/	/bat/
<i>come</i>	/kʌm/	/kʌm/	/kam/
<i>car</i>	/kɑ:/	/kɑ:r/	/kar/
<i>part</i>	/pɑ:t/	/pɑ:rt/	/part/
<i>lot</i>	/lɒt/	/lɑ:t/	/lat/
<i>got</i>	/gɒt/	/gɑ:t/	/gat/
<i>pat</i>	<i>pot</i>	/pɒt/	/pɑ:t/

### Orthographically Induced Pronunciation

Given the phonemic nature of Turkish, when Turkish learners of English do not know for sure the pronunciation of a letter or sequences of letters in an English word, their strategy is usually one of pronouncing that letter as it is pronounced in Turkish. Including the examples given in Table 9, some pronunciations based on orthography are also stated as intelligible by the participants.

**Table 9: Generalization of Pronunciation on the Basis of Turkish Orthography**

Examples	RP	GA	TE
/ə/ becomes /o/ <i>possess</i> <i>methods</i>	/ə/ becomes /a/ <i>upward</i> <i>downward</i>	/i:/ becomes /e/ <i>predispose</i> <i>prefix</i>	

The examples illustrated in this section display the three most common strategies of learners and bilinguals to cope with the task of pronouncing intelligibly. Obviously, the resulting phonological system is somewhat different from either RP or GA. Now it is time to consider the implications of the data presented so far, also in comparison with other non-native varieties of English.

### DISCUSSION

One study that has direct relevance and implications for the present study is Nihalani (1999), which made a comparison of some vowel features of Englishes belonging to the Inner Circle, Outer Circle and Expanding Circle countries (Table 11). He took two examples from the Inner Circle: Received Pronunciation (RP) and Scottish English (SE). Then, two examples were taken from the Outer Circle: Standard Singapore English (SSE) and Educated Indian English (EIE). Regarding the ten vowels of RP, he compared all these varieties of Englishes to Japanese English (JE), which belongs to the Expanding Circle. JE speakers could only meaningfully differentiate between five vowels of English, all of which are conventionally distinguished by ten vowel phonemes in RP. Another result was that SSE and EIE had five vowels against the corresponding ten vowels in RP, which is an obvious reduction in scope.

**Table 11: Vowels in Varieties of English: Modified from Paroo Nihalani (1997)**

Examples	SSE	EIE	JE	SE	RP	TE
<i>bead</i> /bi:d/	i	i	i	i	i:	i
<i>bid</i> /bɪd/				ɪ	ɪ	
<i>bed</i> /bed/	ɛ	ɛ	e	e	e	e
<i>bad</i> /bæd/				æ		
<i>bard</i> /ba:d/	ɑ	ɑ	ɑ	ɑ	ɑ:	ɑ
<i>bud</i> /bʌd/				ʌ	ʌ	
<i>pot</i> /pɒt/	ɔ	ɔ	ɔ	ɒ	ɒ	o
<i>port</i> /pɔ:t/				ɔ		
<i>pull</i> /pʊl/	u	u	u	ʊ	ʊ	u
<i>pool</i> /pu:l/				u		

In Table 11, the TE column illustrates the comparison of TE to RP and other Englishes. The result is more like those of SSE, EIE and JE, all of which have a five way division of the ten vowels used in RP. TE appears to approximate most to SSE and EIE, with only one vowel grouping different. If, as Nihalani notes, the established, standard and codified nature of the vowel systems in these two Englishes provide international intelligibility, TE too is in a position enable TE bilinguals and learners to communicate with NSs as well as NNSs of English as it has the core pronunciation features. In that case, this would be the second evidence (the first being the attested views of bilinguals) to validate the TE phonological system in that it shares the lingua franca core that other established Englishes such as SSE and EIE have.

**Table 12: Vowels and Diphthongs of RP and GA vs. Turkish English**

No	Examples	RP/GA	Turkish-English
1	<i>see</i>	i:	i
2	<i>happy</i>	i	
3	<i>sit</i>	ɪ	
4	<i>ten</i>	e	e
5	<i>cat</i>	æ	
6	<i>father</i>	ɑ:	ɑ
7	<i>got</i>	ɒ	
8	<i>cup</i>	ʌ	
9	<i>saw</i>	ɔ:	o
10	<i>put</i>	ʊ	ʊ
11	<i>actual</i>	u	
12	<i>too</i>	u:	
13	<i>fur</i>	ɜ: / ɜ: r	ɜ:r
14	<i>the</i>	ə	ə
15	<i>say</i>	eɪ	eɪ
16	<i>go (RP)</i>	əʊ	oʊ
17	<i>go (GA)</i>	oʊ	
18	<i>my</i>	aɪ	aɪ
19	<i>boy</i>	ɔɪ	ɔɪ
20	<i>now</i>	aʊ	aʊ
21	<i>near</i>	ɪə(r) / ɪr	ɪər
22	<i>hair</i>	eə(r) / er	eər
23	<i>pure</i>	pjʊə(r) / pjʊr	pjʊr

Following this cross-comparison with various vowel systems, we can now compare the entire vowel and diphthongal features of both RP and GA, and TE in order to see how TE fares against both (see Table 12). Of the 23

combined vowels and diphthongs of RP and GA, only 15 appear to be utilized by TE phonology. When it comes to consonantal features, what is missing from both RP and GA are three consonants. These are /v/, /θ/ and /ð/, only to appear in the forms /w/, /t/ and /d/ respectively. Combined with the reduction of three consonants, a total number of 11 phonological features that have been dropped is likely to boost the morale of teachers in the Turkish context in terms of achievable goals in pronunciation teaching.

### CONCLUSION

As English has begun to be increasingly taught and used outside the Inner Circle countries to the potential users of both the Outer Circle and the Expanding Circle countries, the monolingual native speakers of English seem to have lost their grip considerably both on the design of syllabuses and the standards for the use of English worldwide in general. This has stemmed from two basic causes: the first reason is the dissatisfaction and impracticality of one of the most recent approaches, namely the imposition of norms prescribed by the Communicative Approach, while the second is that second/foreign language users of English have stood up to shape English to varying degrees by owning up to the language they speak in order to reflect their linguistic and cultural backgrounds or aspirations. These two developments have forced researchers to recognize the need to not only describe the specific phonologies of Englishes as formed by non-native users of English but also prescribe a model for the teaching of English based on the specific phonologies that have the core phonological features of English.

This study has attempted to illustrate the phonological system of Turkish-English based on three strategies adopted by Turkish-English users. Among the strategies are:

- utilizing across major varieties such as RP and GA,
- collapsing similar sounds based on their perceptions of similarity between English and Turkish phonological features, and
- resorting to the orthographic pronunciation of a written symbol in Turkish when they have no idea as to the correct pronunciation.

This study has also categorized the examples occurring in various strategies, creating a Turkish-English phonology, which is a reduced and thus teachable form of both RP and GA. As attested by the endorsement of teacher trainers and bilinguals alike, Turkish-English phonology includes the features of core phonology as observed in established Indian and Singaporean English. Thus, it is suggested that this framework Turkish-English phonology (as described in the right-most column in Table 12 as well as the previous tables) may be taken as model for teaching pronunciation, and thus a set of criteria for testing pronunciation, in the Turkish context. This proposal will hopefully help

overcome certain indecisions experienced by syllabus designers, teacher educators and teachers regarding how much of pronunciation teaching would be optimum for a relatively successful interaction between TE bilinguals and NSs as well as NNSs.

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**APPENDIX 1: List of Words used in Reading Task**

car	lot	merry	moving	downward	pull	put
before	lottery	three	prevent	predispose	pool	actual
Turkish	pure	thank	but	prefix	see	too
go	cure	think	come	bead	happy	fur
so	sure	this	car	bid	sit	the
gold	man	there	part	bed	ten	say
goal	men	them	hair	bad	cat	my
post	bad	have	possess	bard	father	boy
got	bed	very	method	bud	cup	now
pot	marry	several	upward	port	saw	near