

3GPP2 S.R0010

Version 1.0.0

Version Date: December 13, 1999



**3RD GENERATION  
PARTNERSHIP  
PROJECT 2  
"3GPP2"**

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## ***Preferred Language (Stage 1)***

***Revision: 0***

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## Revision History

<b>Revision</b>		<b>Date</b>
Rev. 0	Initial Publication	December 1999

### **Note**

This specification is based on TIA TR45.2 SP-3362-516, August 1999, with additional languages added.

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# List of Tables

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Table 1:	PL Subscription Options .....	5
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# 1. Preferred Language (PL)

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Preferred Language (PL) provides the subscriber the ability to specify the language for network services.

Network services which could be offered in the subscriber's preferred language include:

- Recorded announcements
- Directory assistance
- Operator services
- Emergency services
- "Help" lines
- Message Waiting Notification
- CNIP *number not available*
- CNIP *number restricted*

If the subscriber's preferred language is not available, service shall be provided in the default language, which shall be determined by the wireless network operator.

PL does not impact a subscriber's ability to originate calls or to receive calls.

## Applicability to Telecommunications Services

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PL is applicable to voice telecommunications services.

### 1.1. Normal Procedures with Successful Outcome

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#### Authorization

---

PL may be generally available or may be provided after pre-arrangement with the service provider. The feature may have the following subscription options:

**Table 1: PL Subscription Options**

Subscription Options	Values
Registration	Variable. The subscriber is authorized to specify his or her own preferred language.
	Fixed. The Preferred language is registered upon authorization.

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### De-authorization

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PL may be withdrawn at the subscriber's request or for administrative reasons.

### Registration

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PL may be registered by the service provider upon authorization.

PL may be registered by a Variable Registration authorized subscriber by specifying the PL registration feature code. For example, a feature code and three digits representing the first three characters of the native language desired, as in:

- \* FC + 364 +  (ENGLISH),
- \* FC + 377 +  (ESPAÑOL),
- \* FC + 372 +  (FRANÇAIS),
- \* FC + 527 +  (JAPANESE),
- \* FC + 567 +  (KOREAN), or
- \* FC + 767 +  (PORTUGUES).

If the registration is accepted, the system shall indicate success with feature confirmation treatment.

### De-Registration

---

PL shall be de-registered upon de-authorization.

### Activation

---

PL is activated upon authorization.

### De-Activation

---

PL shall be de-activated upon de-authorization.

### Invocation

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PL is invoked:

- when the subscriber originates a call to a recorded announcement, operator service, service code, or "Help" line;
- when the subscriber is receiving a network generated message, such as a Message Waiting Notification or one of the Short Message Services.

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PL does not affect calls which terminate to the service subscriber, i.e., the subscriber as the called party.

### **Normal Operation with Successful Outcome**

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When the subscriber originates a call and the call is routed to a recorded announcement, to operator services (by dialing 0, 00, 0+ or 01+ codes), to service codes (by dialing X11), to information services (such as \* HELP or #NYSE) or to similar spoken services, the service shall automatically be delivered to the subscriber in the preferred language.

When a network generated message, such as a Message Waiting Notification or one of the Short Message Services, is transmitted to the MS, the service shall automatically be delivered to the subscriber in the preferred language.<sup>1</sup>

### **Call Detail Record**

---

The system should record call detail information for the following:

- a. PL registration activities and events.
- b. PL de-registration activities and events.

See *ANSI-124* for the specific information to be included for each element.

## **1.2. Exception Procedures or Unsuccessful Outcome**

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### **Registration**

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If the subscriber is not authorized for the request, or if the selected language is unknown, the system shall apply feature denial treatment when registration is attempted.

### **De-Registration**

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None identified.

### **Activation**

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None identified.

### **De-Activation**

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None identified.

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<sup>1</sup>For further study.

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**Invocation**

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If service in the preferred language is not available, service shall be provided in the default language as determined by the wireless network operator.

**Exceptions While Roaming**

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If PL for the indicated language is not supported by the serving system, the serving system selected default language may be used.

**Exceptions During Intersystem Handoff**

---

None identified.

**1.3. Alternative Procedures**

---

None identified.

**1.4. Interactions With Other Wireless Services**

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**Asynchronous Data Service (ADS)**

---

\*FC may not be supported (Fixed Registration option is supported). Result codes are unaffected by registered Preferred Language.

**Call Delivery (CD)**

---

None identified.

**Call Forwarding—Busy (CFB)**

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None identified.

**Call Forwarding—Default (CFD)**

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None identified.

**Call Forwarding—No Answer (CFNA)**

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None identified.

**Call Forwarding—Unconditional (CFU)**

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None identified.

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**Call Transfer (CT)**

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None identified.

**Call Waiting (CW)**

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None identified.

**Calling Name Presentation (CNAP)**

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None identified.

**Calling Name Restriction (CNAR)**

---

None identified.

**Calling Number Identification Presentation (CNIP)**

---

It shall be possible to present information in the subscriber's preferred language.

**Calling Number Identification Restriction (CNIR)**

---

None identified.

**Conference Calling (CC)**

---

None identified.

**Data Privacy (DP)**

---

None identified.

**Do Not Disturb (DND)**

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None identified.

**Emergency Services (9-1-1)**

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None identified.

**Flexible Alerting (FA)**

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None identified.

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**Group 3 Facsimile (G3 Fax)**

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\*FC may not be supported (Fixed Registration option is supported). Result codes are unaffected by registered Preferred Language.

**Message Waiting Notification (MWN)**

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None identified.

**Mobile Access Hunting (MAH)**

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None identified.

**Network Directed System Selection (NDSS)**

---

None identified.

**Non-Public Service Mode (NP)**

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This interaction is beyond the scope of this specification.

**Over the Air Service Provisioning (OTASP)**

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When OTASP is active, it takes precedence over all other calls and features. The user may terminate OTASP at any time in order to originate an emergency call.

**Password Call Acceptance (PCA)**

---

None identified.

**Preferred Language (PL)**

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Not applicable.

**Priority Access and Channel Assignment (PACA)**

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None identified.

**Remote Feature Control (RFC)**

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None identified.

**Selective Call Acceptance (SCA)**

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**Service Negotiation (SN)**

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None identified.

**Subscriber PIN Access (SPINA)**

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PL feature code requests should be denied for an MS while SPINA is active.

**Subscriber PIN Intercept (SPINI)**

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None identified.

**Three-Way Calling (3WC)**

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None identified.

**User Group (UG)**

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None identified.

**Voice Message Retrieval (VMR)**

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None identified.

**Voice Privacy (VP)**

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None identified.