

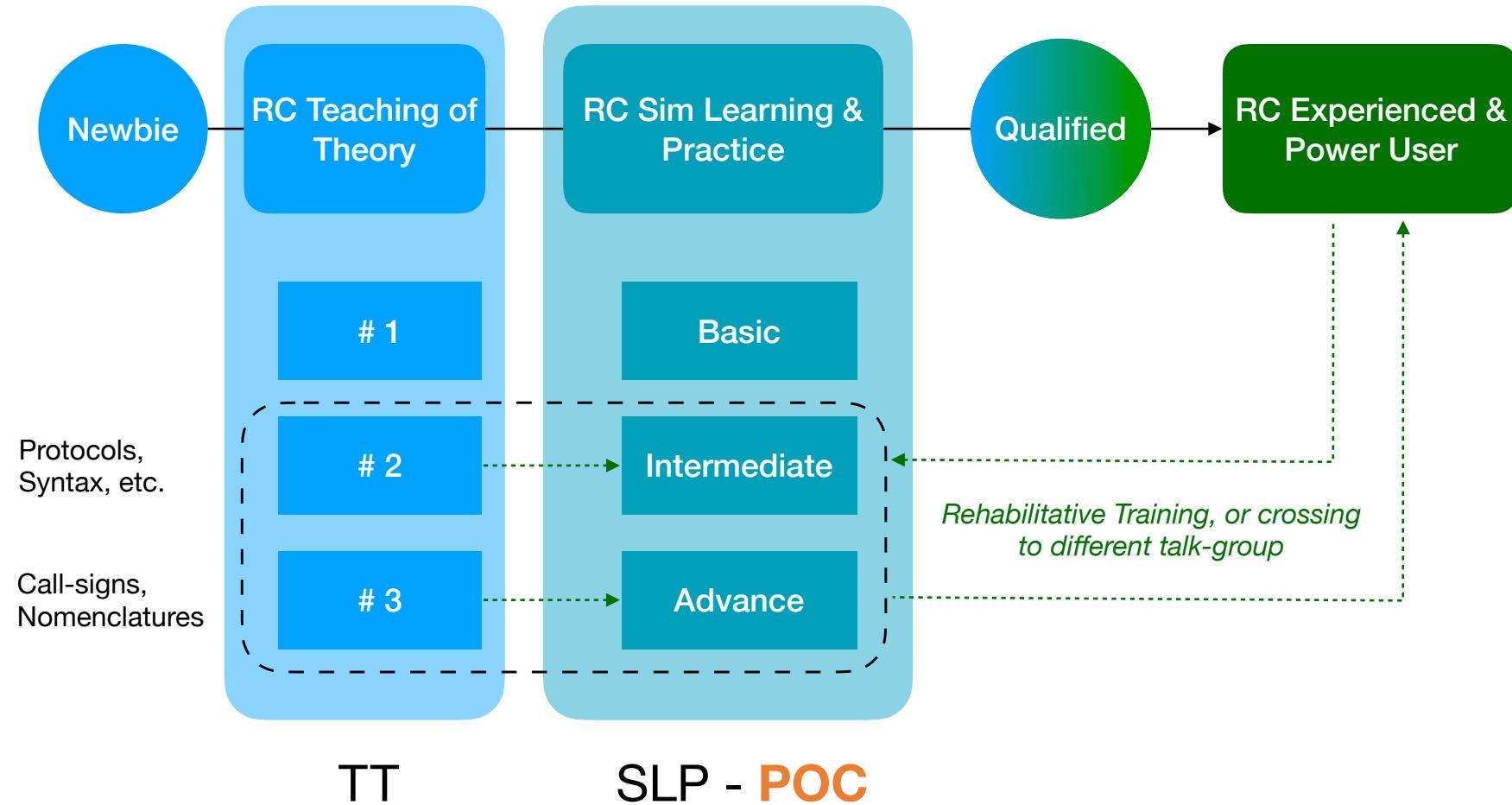
AVPL's Initial Proposal :

	Operation Control	Station Control	Engineering Control
Call-signs & Personas in Control :	OCC (default), TC, etc..	SM (default), ASM, etc..	Depot (default), Engineering, etc..
Users group :	CSO (Default), TPO, etc.	CSO (Default), etc.	EPIC (default), Engineer, technician, etc.
I Basic Levels	Comms syntax, habits, practices, Check-out etc. (similar for all except call-signs)		
II Intermediate Level	Procedural routines in Train Operations	Station's Procedural routines	Engineering work routines coordination
III Advance Level	Known incident handling	Known incident handling	Known incident handling

Framework for RC Comms SLP proposed :

TALK-GROUPS	Operations	Station	Depot / Engineering	
CONTROL	RAM / AI assumes the role of CONTROL - and the character do not change, although its Call-sign changes. OCC, TCO1, TC02.	RAM / AI assumes the role of CONTROL - and the character do not change, although its Call-sign changes. CS, SM,	RAM / AI assumes the role of CONTROL - and the character do not change, although its Call-sign changes. Depot 0,	The AI Bot will lead in the conversation base on the selected Practice within the organised <u>3x3 matrix framework</u> . The variability of content is not intended to be extensive and exhaustive at POC, as it is ONLY to show the POC Practice Intent .
USERS	User's role changes along with call-sign and takes on that persona, and hence context: CSO, TPO, CAR 01 etc ..	User's role changes along with call-sign and takes on that persona, and hence context: CAR 01, CSO, etc.	User's role changes along with call-sign and takes on that persona, and hence context: CAR 01, EPIC, etc.	
Basic Level	Checking in (identity) and Radio Check Checking out, Clarifying, Repeating, Time Location or Position relevant, and terminologies: <ul style="list-style-type: none">• List A1 - Unique Catchphrases in Operations• Use of Common Catchphrases	Checking in (identity) and Radio Check Checking out, Clarifying, Repeating, Time Location or Position relevant, and terminologies: <ul style="list-style-type: none">• List A2 - Unique Catchphrases in Station Control• Use of Common Catchphrases	Checking in (identity) and Radio Check Checking out, Clarifying, Repeating, Time Location or Position relevant, and terminologies: <ul style="list-style-type: none">• List A3 - Unique Catchphrases in Depot/Engineering• Use of Common Catchphrases	Conversation Types: Basic conversation level
Intermediate	Routine procedural sequences titled and details of step provided to AI: <ul style="list-style-type: none">• Obtaining TOA• Track entry• Surrendering TOA Use of acronyms and terminologies applicable to talk groups List B1	Routine procedural sequences titled and details of step provided to AI: <ul style="list-style-type: none">• Provide in Pilot phase ? Use of acronyms and terminologies applicable to talk groups List B2	Routine procedural sequences titled and details of step provided to AI: <ul style="list-style-type: none">• Provide in Pilot phase Use of acronyms and terminologies applicable to talk groups List B3	Procedural conversation driven by fixed sequence & routines
Advance	Multiple scenarios and incidents storyboard provided to AI as a guide, with <ul style="list-style-type: none">• Additional rules (guides conversation)• Information References for each	Multiple scenarios and incidents storyboard provided to AI as a guide, with <ul style="list-style-type: none">• Additional rules (guides conversation)• Information References for each	Multiple scenarios and incidents storyboard provided to AI as a guide, with <ul style="list-style-type: none">• Additional rules (guides conversation)• Information References for each	Characterised by nature of incidents or event scenarios

SBST RTI - RC Comms Training Design Schema



SBST - Feedback end March 2024

Pre-defined talk groups based on user profile selected. Other talk groups are optional but may still be accessed by user should he want to learn more.

Pre-defined talk groups

Maintenance staff

1. Train Ops

3.
Maintenance

CSO, ASM,
SM

1. Train Ops

4. Operations

TC, DTC

5. OCC

Essentially talk groups 1 to
4 but reverse role as OCC



Welcome to the SBST
RC Comm Chat Bot.

Learn as you speak through it . .
as if using the Tetra set !

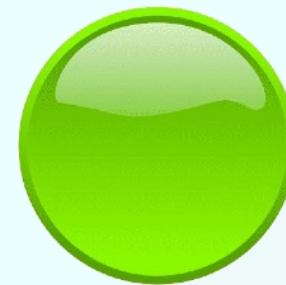


Back

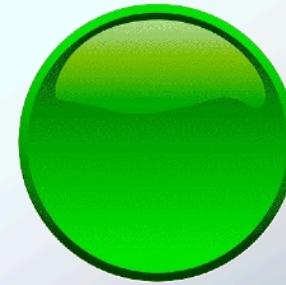
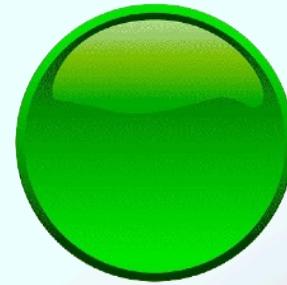
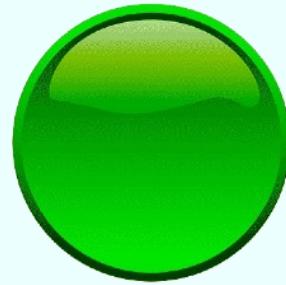
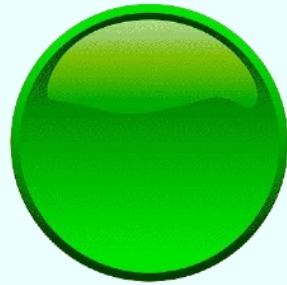
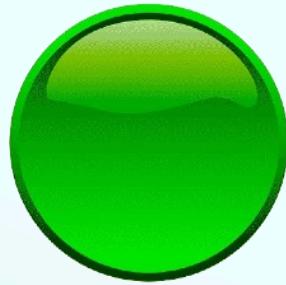


**Choose a talk group: start practicing from
Basic to Intermediate, then Advance.**

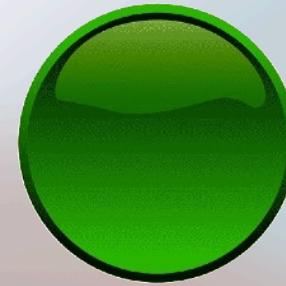
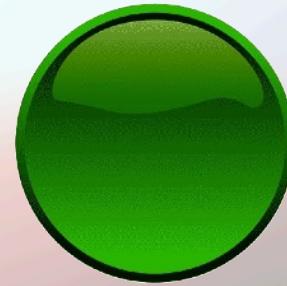
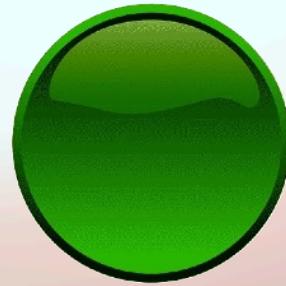
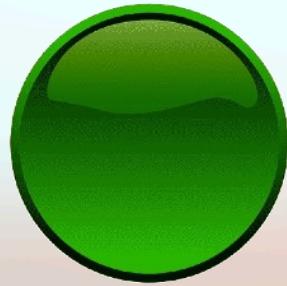
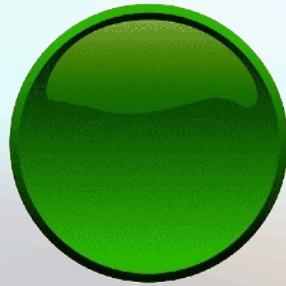
BASIC



INTERMEDIATE



ADVANCE



Train Ops

Track access

Maintenance

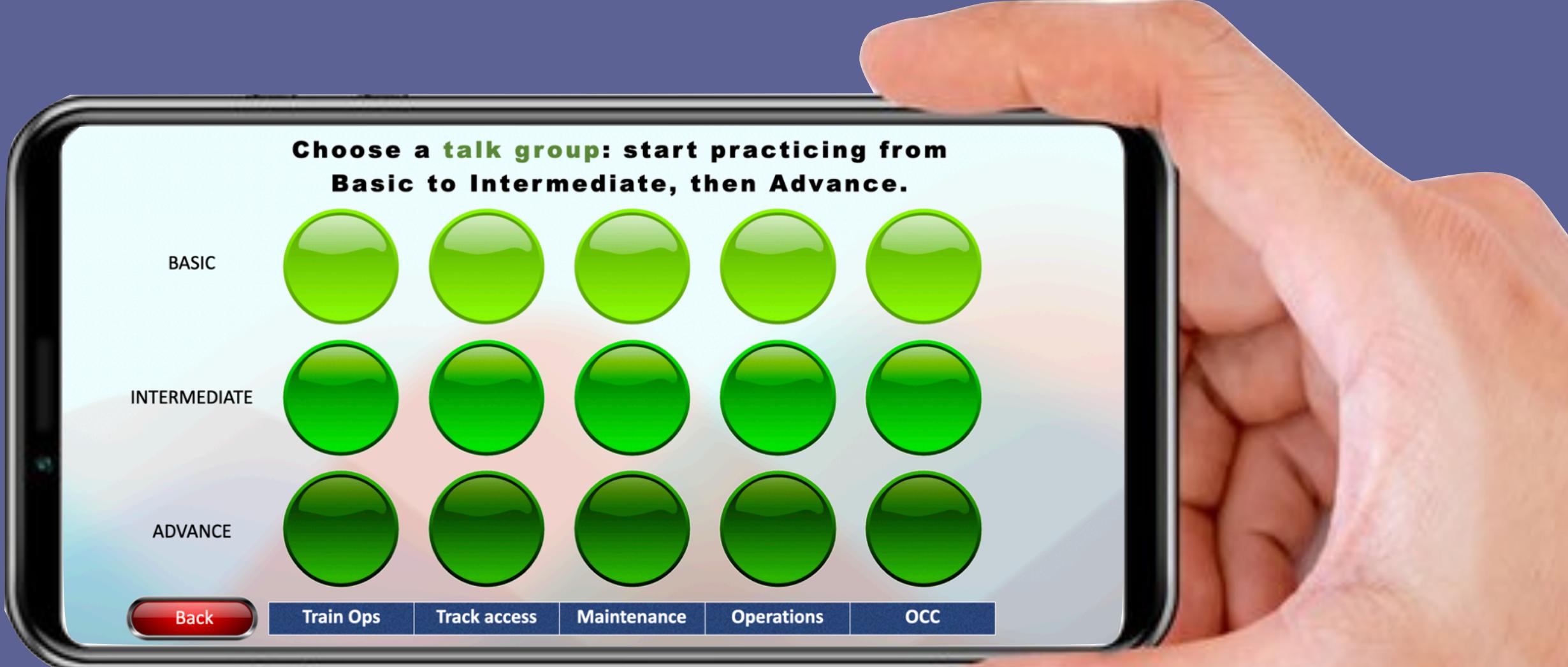
Operations

OCC

Finalised SLP Framework

Talk Groups	1. Train Ops	2. Track access	3. Maintenance	4. Operations	5. OCC
	AI assumes the role of OCC. Same character model. TC callsign: Mainline zero one or Mainline zero two DTC callsign: Depot zero	AI assumes the role of OCC. Same character model. TC callsign: Mainline zero one or Mainline zero two DTC callsign: Depot zero	AI assumes role of OCC, maintenance staff , loco driver Same character model for OCC New character model for maintenance staff and loco driver	AI assumes the role of OCC. Same character model. TC callsign: Mainline zero one or Mainline zero two DTC callsign: Depot zero	AI assumes roles from talk grps 1 to 4. (i.e. Train operator, TPO/PC, maintenance staff, Ops staff)
Users	PV and loco drivers Callsign for PV: Car no. (e.g. Car two five) Callsign for loco: Consist + consist no. (E.g. Loco zero one)	TPO and PC Callsign for TPO: TPO + name (e.g. TPO George) Callsign for TPO: TPO + name (e.g. TPO George)	WC/MCO, PFR, SDS, OSC, TMC Callsign: Job title + name (e.g. PFR Tan, SDS David, OSC Ismail, TMC Suhaimi)	CSO, ASM, SM Callsign for CSO: Job title + name (e.g. CSO Kenny) Callsign for station: Station + job title + name (e.g. Sengkang SM Muthu)	TC and DTC Callsign for TC: Mainline zero one or Mainline zero two Callsign for DTC: Depot zero
Basic	<ul style="list-style-type: none"> Operating words, call signs, phonetics, numbers Radio discipline (message structure, seeking clarification, individual vs group call, etc..) 				
Intermediate	Routine radio communications specific to talk group (Train Ops).	Routine radio communications specific to talk group (Track access).	Routine radio communications specific to talk group (Maintenance).	Routine radio communications specific to talk group (Operations).	Routine radio communications specific to talk group (OCC).
Advance	Incident or accident scenarios related to talk group (Train Ops).	Incident or accident scenarios related to talk group (Track access).	Incident or accident scenarios related to talk group (Maintenance).	Incident or accident scenarios related to talk group (Operations).	Incident or accident scenarios related to talk group (OCC).

Demo Projection - Live Mirroring on TV



Basic Level Practice :

This level of Practice Training cuts across, and are similar for all the 3 talk-groups, except that the call-signs and message context are slightly different. Mainly to practice what is being 'learnt' in the earlier 'Teaching Module'.

GOOD Comms PRACTICES and HABITS :

Basic Comms Syntax and Sentence structure in RC comms:

A) Making a Group Call (only by control centre, not individuals), Sender start by saying:

<Receiver's Call Sign> this is <Sender's Call Sign>, <Message . . >, over
<Car 45> this is <Mainline 01>, <Message . . >, over

B) Individuals establishing a Call

Receiver's Radio call alert sounded, Receiver respond just by saying:

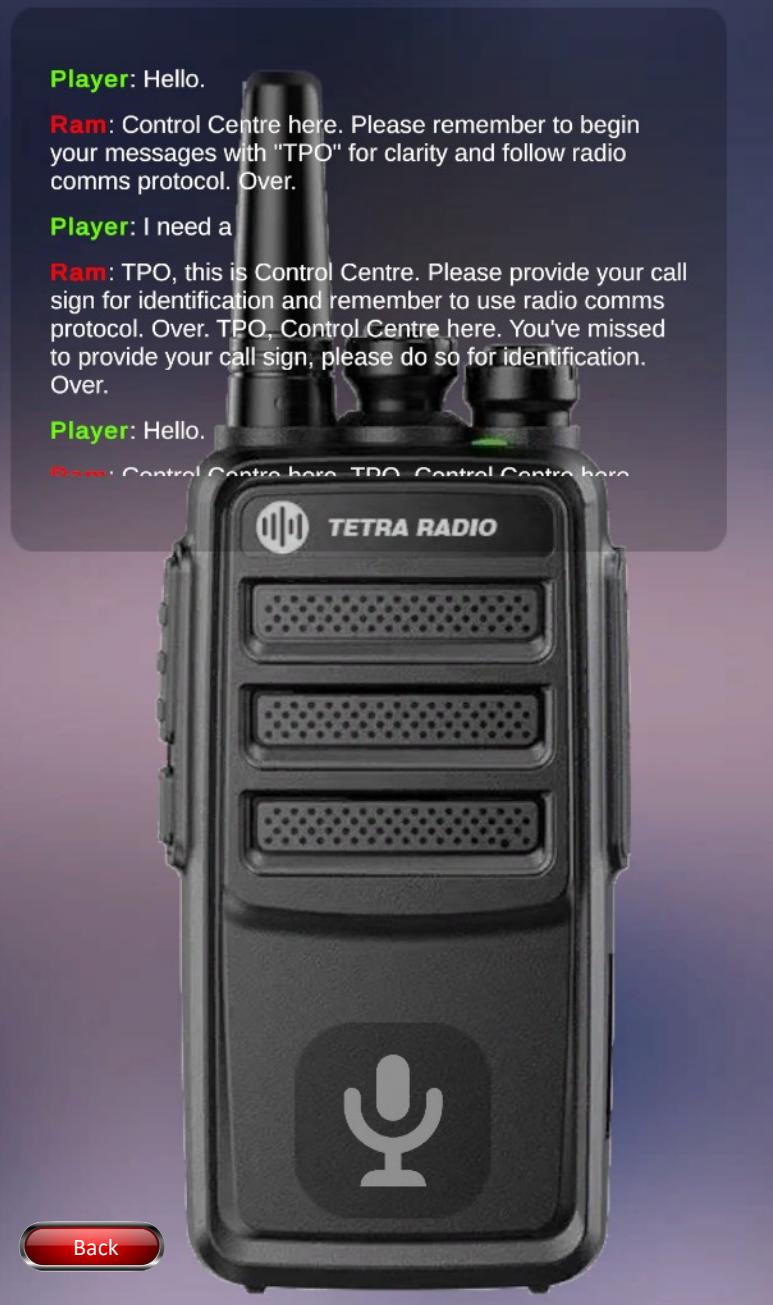
<Receiver's Call Sign>, send, over
<Car 45>, send, over

C) Subsequent Radio messages between the receiver and sender should just start with your own call sign; and finally ending the last with 'out'.

<Your own Call Sign> < ...Your Message... >, over
<Car 45>, <Message . . >, over

D) Leaving Radio comms b sender should just ending with 'over and out'.

<Your own Call Sign> < ...Your Message... >, over
<Car 45>, <Message . . >, over and out.





3:58

RC Comm SLP

Player: Hello.

Ram: Control Centre here. Please remember to begin your messages with "TPO" for clarity and follow radio comms protocol. Over.

Player: I need a

Ram: TPO, this is Control Centre. Please provide your call sign for identification and remember to use radio comms protocol. Over. TPO. Control.Centre here. You've missed to provide your call sign, please do so for identification. Over.

Player: Hello.

Ram: Control.Centre here. TPO. Control.Centre here.



SBS Transit