

New Post Contact Protocols Model

1. Model based on key assumptions:

- ▶ a. Recent increases in estimated number of ET Civilisations
- ▶ b. Recent biological and sociological theories
 - ▶ i. Biology: Cosmic Convergent Evolution
 - ▶ ii. Sociology: Cooperative – Stabilised Civilisations
- ▶ c. New Communications strategy – Revisions needed

2. Contact with Extra-terrestrial Civilisations:

- ▶ a. Sensitisation
- ▶ b. Preparations
- ▶ c. First contact
- ▶ d. Scientific & Intercultural exchange with ET Civilisations

New Post Contact Protocols

- ▶ Requires existing protocols upgrading, due to the possible ET Civilization detection using quantum superluminal communications (QSC)
- ▶ QSC operates in real time and therefore could be expanded to a global METI that is all encompassing. Thus leading to scientific & Intercultural exchange with ET Civilisations
- ▶ Requires new preparation of mankind for worldwide first contact
- ▶ First contact means that mankind may become a member of the cosmic community

QSC advantages

- ▶ Widens the possibility of detections and is complementary to the existing radio/microwave/optical/infrared SETI searches.
- ▶ new model of interstellar communication
- ▶ Would enable instant information exchange
- ▶ It can send and receive from all targets at once.
- ▶ Likely means of contacting others within our time frame
- ▶ Addresses the timescales comparable to human lifetimes or at least the longevities of human institutions. (ie, one would not have to wait longer than a human lifetime for a response)
- ▶ Can apply two way instantaneous communications, decipher a signal and to rapidly respond.
- ▶ Long interactions can take place with long messages as opposed to short “we exist” announcements.
- ▶ Interaction may result in meaningful relationships to progress to new initiatives and developments.

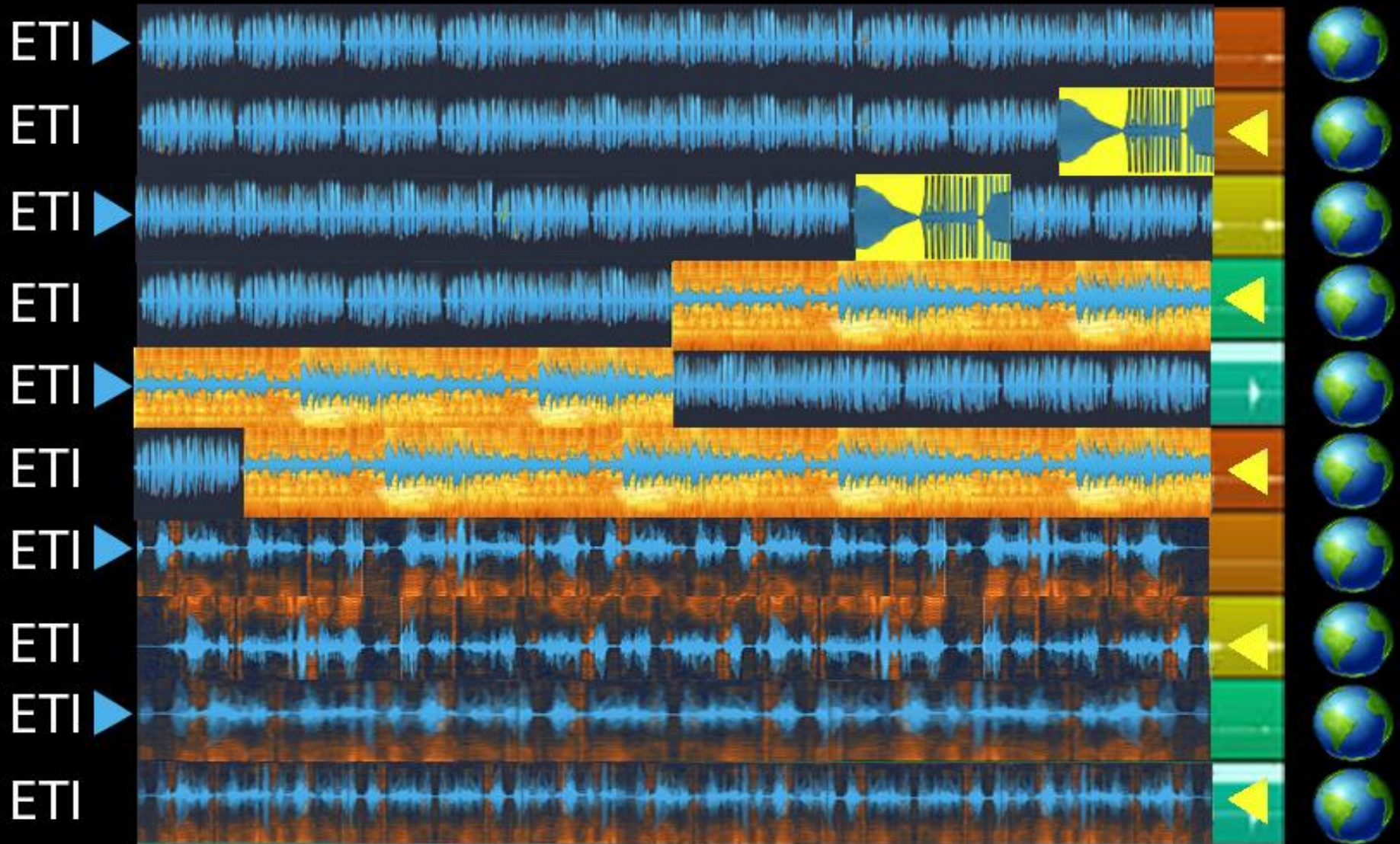
Quantum Superluminal Communications 2018

- ▶ The QSC system is made up of an experimental transceiver system that uses longitudinal waves for receiving and transmitting signals in real time. The antennas are omni directional which means that one cannot determine a target location.
- ▶ A second QSC system is being planned for another location for validation. Both QSC systems can be tuned into an incoming signal.
- ▶ Multiple QSC systems could be distributed and networked.



A Communications Protocol between ETI and Earth

Elliott, J. (2010a). Detecting the Signature of Intelligent Life: Acta Astronautica



Mankind may become a member of the cosmic community

Sensitization

Media
Conferences
Initiatives

Phase No. 1

Preparation

Communications
Organisation
Networks

Phase No. 2

First Contact

Beginning of exchange
Organisation
Socio Cultural Initiatives

Phase No. 3



Phase No. 1 Sensitization

- ▶ Research & Studies: Published papers within SETI journals covering all aspects of SETI, communications, social, linguistics, intelligence
- ▶ Media: Television, documentaries, books, magazines, newspapers, online sites, movies
- ▶ Conferences: SETI, OSETI, SETI,METI workshops, meetings, online talks
- ▶ Initiatives: Protocols, Declaration of Principles, Post Contact Task Group, Rio 2.0



Phase No. 2 Preparation

- ▶ Raise awareness within the SETI community
- ▶ Upgrading SETI post contact protocols
- ▶ Enable communications with extra-terrestrial civilization(s)
- ▶ Create networks > connect & co operate
- ▶ Scientists, engineers and artists
- ▶ Preparations for worldwide first contact



Phase No. 3 First Contact

- ▶ Mankind will be publicly informed about the existence of contact from scientists, assuming all scientific protocols have been addressed:
- ▶ The Rio scale 2.0,
- ▶ SETI PC IAF post contact task group,
- ▶ IAU circular announcement
- ▶ United Nations.



Phase No. 4 New Era

- ▶ Mankind will enter a new era
- ▶ Becoming may be new member of a cosmic community
- ▶ Beginning of Intercultural and scientific exchange
- ▶ Upcoming change, structural and institutional
- ▶ Open to all possibilities of people connecting up



Worldwide Communications Centres Before & After

Before

First contact

Transition is a step by step process supporting mankind

▶ After >

▶ Committee

- ▶ First ETC Contact event
- ▶ Kardeshev ETC Class Type
- ▶ ETC Agenda
- ▶ Mankind may begin intercultural and scientific exchange with ET Civilisations (ETC)

ET Civilization Council

▶ Committee

- ▶ Communication Centres
- ▶ Country Centres

▶ Committee

- ▶ Scientists, engineers, Artists
- ▶ Groups, Labs

**Mankind
Civilization - Culture
Phase #2 & #3
Phase #4 “New Era”**

First Contact Event – Background Information



- ▶ Phase #2 & #3
- ▶ Who are they?
- ▶ Where do they come from?
- ▶ Why are they in communications?
- ▶ Importance of communications/technology
- ▶ Role of worldwide communications centres
- ▶ Beginning of Intercultural & scientific exchange with representatives of the ET Civilization
- ▶ What can we expect in progressing the communications

First Contact Event - Live Streams Year? “Concerted Action”



Day? Year?

Joined statement

“Mankind begins
Intercultural &
Scientific

Exchange with ETC

Day? Year?

**Continental
Live streams**

Day? Year?

**Continental
Live streams**

ET Civilization – Preparation of Mankind for Worldwide First Contact



Global Communication

Network centres

Training Centres



Communication Centres Training the operator

- Ethics – support living in harmony & peace with all aspects of creation
- Address all humans at all ages and from any cultural background
- Help to establish & deepen contacts with ET Civilization for Scientific & Intercultural exchange at any level (scientists, engineers, artists, press, media, general population)
- Support as interface to ET Civilization & Impart knowledge related to it.
- Are for benefit of mankind

Scientific & Intercultural Exchange

Training a Communications Operative:

Theoretical principles and practical application of using super luminal communications

Exchange of thoughts, emotions and sense impressions between two or more consciousness entities, independent of space & time

1. Intention based form of communication
2. Importance of emotions
3. Developing cooperation
4. We ask questions to Ets and Ets ask questions of us.

Training the Communications Operator

Principles & Application

- ▶ 1. Harmony & balance: What to think => What to tell
=> What do I do to be in balance
- 2. Right attitude: Raising awareness, be respectful, be curious, good attention
- 3. Focus your attention: "Focus on your dialogue partner"
- 4. Open dialogue
- 5. 5 steps of communication:
 - Step #1: Exchange information & check possible alterations
 - Step #2: Interpret
 - Step #3: Re-evaluate
 - Step #4: Adapt
 - Step #5: => Step #1
- 6. Close dialogue

5 Steps of Communicating

- ▶ Communications > Interpretation > Revaluation > Adaptation
- ▶ 5 steps are to be understood as a cycle of understanding.
- ▶ A cycle of understanding is meant as a peaceful exchange between two or more entities and is a cognitive process in one self:
- ▶ INTEGRATION of KNOWLEDGE, LEARNING, EXCHANGE of INFORMATION
- ▶ The 5 steps of communications are the universal code of conduct which is taught nations which join the cosmic community.
- ▶ Also every young person who sees the light of day is taught this behaviour to LEARN, INTEGRATE KNOWLEDGE & to COMMUNICATE PEACEFULLY.
- ▶ In the Universe, the fundamental attitude towards communication is peace. The first steps of communication are a tool to preserve peace. See United Nations Charter.



Phase #2 Preparation for First Contact

Scientific & Intercultural Exchange between Mankind & ET Civilization

Scientists, Engineers, Artists **cooperate** across all fields for the benefit of mankind. They are **trained communications operatives** with focus on using “stages” during contact. They get in contact with ETC communications **partners** related to individual fields



Philosophy

Physics

Astronomy

Cosmology

Astrophysics

Aerospace

Mathematics

Engineering

Information Technology

Artificial Intelligence

Quantum technologies

Psychology

Biology

Medicine

Energy technology

Social Science

History

Theology

Artists

Phase #3 First Contact: Possible Scenario

- ▶ Curiosity of taking the next steps (mutual)
- ▶ Our technology, greatly inhibiting to crossing long distances in space
- ▶ We may be familiarized with something new, that might be considered a miracle.
- ▶ We may learn something new that will enhance the way we perceive the structure of the Universe.
- ▶ We may learn something new, leading us to principles of co-existence across large distances, even cultures.
- ▶ We may become knowledgeable regarding the impact of mind & matter (Quantum Mechanics)
- ▶ We may be supplied with additional medicinal knowledge, for the benefit of mankind.
- ▶ It is the first contact for mankind that we welcome the opportunity of this wonderful path leading to our awakening to the cosmic community



Thank You

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