REPORT ON PLANET 06307-98923

Introductory Notes

As requested by the Admissions Council, our report on planet ƎΛΨИ-Я◊Λ₸ has been translated into the three main Multi-mode Communications Structures (MCSs) in current use on the planet, these being American, Mandarin and Spanish. In all MCSs on this planet mathematical processing is Λ-based and the figure having the value of Λ is written as '10'. Our report uses this mathematical nomenclature throughout; the subject planet is thus annotated 06307-98923, hereinafter abbreviated to P98923.

This version of our overview is written in American. However, given our pessimistic assessment of the suitability of P98923 for inclusion into the Universal Common Group (UCG) at the present time we note that it is unlikely that inhabitants of the planet will have access to this report. The translation was performed using Version ΨΨ-◊ of the General Translator (GT). If translation errors apparent or real are detected by readers of this report they should be reported accordingly using standard procedure. This report refers to the latest visit to P98923 by the UCG New Admissions Assessment Team and is effectively an update of previous assessments.

In the Annotations table below, the nomenclature used by inhabitants of P98923 is as in the third column. Following normal practice, nomenclature in this report is chosen according to context, including the dictates of clarity and or amplification.

Annotations

UCG annotation	Acronym or Abbreviation	P98923 nomenclature
Anchor Star	AS	Sun
Carbon-based Life Form	CBLF	Not applicable
Dominant Species	DS	Human
Multi-mode Communications Structure	MCS	Language
Planet ƎΛΨИ-Я◊Λ₸ (06307-98923)	P98923	Earth or World
Planetary Axial Rotation Period	PARP	Day (or period of 24 hours)
Stellar Orbit Period	SOP	Year
Non-Intellectual Belief	NIB	Religion or Superstition
Undetectable Supernatural Being	USB	God or Spirit or Ghost
Imagined Alien Vehicle	IAV	Unidentified Flying Object
Universal Average	UA	Not applicable
Universal Common Group	UCG	Not applicable
Genetic Code Donor	GCD	Male/ Man
Genetic Code Receiver	GDR	Female/ Woman
High-Low Imbalance	HLI	Not applicable
Universal Time Reference	UTR	Not applicable
Divisible Coding Molecule	DCM	DNA

Time Reference

One Stellar Orbit (year) of P98923 takes 365.2 Axial Rotations (days). This parameter is within 19% of the UA for CBLF planets. Accordingly, we will use the nomenclature 'year' in this report. Most DS cultures on P98923 reference their calendar dates to a datum of zero based on the birth of a NIB primary character, a man generally known as Jesus Christ who lived roughly 2000 years ago. For the Christian zero reference year the equivalent Universal Time Reference (UTR) is 8243466. Specific years in this report are referenced to both the Jesus Christ zero datum and the UTR (with the latter in brackets). Example: 1500 (8244073).

Physical Description

The 9892 stellar system of which P98923 is a planet is located in Galaxy 790744495, co-ordinates:

87823-51122-09154 (corrected for relativistic distortion at UTR 8238970)

The mass of the Anchor Star (the 'Sun') is approximately 103% of the Universal Average. Its hydrogen content is 74% by mass and it is approximately 47% through its calculated life. The disposition of the eight planets is unremarkable and follows the usual pattern of smaller, higher density planets closer to the AS and larger, less dense gaseous planets in the outer orbits. At the outer edge of 9892 a smaller, dense planetoid moves in a more elliptical orbit which occasionally crosses that of the adjacent gas planet. Mathematical modelling suggests that there is no risk of collision between these two bodies before the Sun mutates into its red giant phase.

Planet P98923 ('Earth') is the third most distant planet from the Sun. Its mass is 89% of the Universal Average for those planets in which Carbon-based Life Forms (CBLF) have thus far been detected and its chemical composition is also similar, with the exception that the oxygen content of its atmosphere is approximately 20%, a lower figure than the UA of 27%. The significance of the poor oxygenation of P98923's atmosphere is discussed in the Chapter on Genetic Characteristics later in this report. Here we will note that the large High-Low Imbalance (HLI) of the Dominant Species ('humans') probably arises from this chemical difference, given that many other known planets with low-oxygen atmospheres are also inhabited by DSs with retarded behaviour patterns.

The planetary surface is 71% water, approximately 9% higher than the UA. Axial tilt is 23 degrees, which is within 8% of the UA. Weather patterns and seasons likewise show no great dissimilarities from other CBLF planets, despite the the unusual oxygen-nitrogen proportions, probably because the physical (rather than chemical) properties of these two elements are similar, as would be expected from their adjacent positions in the Elemental Sequence.

Evolution of Life

Fossil evidence examined by us suggests that self-replicating carbon-chain molecules first formed on P98923 approximately 4.9×10^9 years ago. We have noticed that humans have underestimated this figure by approximately 7%.

Subsequent development of CBLFs on Earth has followed the usual pattern, with occasional mass extinctions and species adapting to the changing chemical and physical environments caused by volcanic activity or impact from extra-terrestrial bodies . As on other CBLF planets, life forms are to be found in most regions of the planet, even where the conditions are very harsh.

Humans are the DS on Earth. They are broadly similar to the DSs on other CBLP planets, but with the following notable differences:

- Humans grow to approximately 25% greater height and width and therefore double the mass of DS types on other planets; this over-size is probably a consequence of the unusual composition of the atmosphere

- Their waste and reproductive processes are carried out by dual-function organs; this feature is known to occur in less than 20% of CBLF DSs

- Human embryos gestate internally until ready for independent life, rather than the egg-based partial or total gestation seen in 80% of DSs

- Homosexuality is lower in both males and females, approximately 70% of the UA for males and 75% for females

- Hands have 5 fingers (UA 6.8) and feet 5 toes (UA 4.4)

- Absolute blood temperature is approximately 6% higher than the UA, probably an evolutionary consequence of the oxygen-poor atmosphere

- Intellectual development has outpaced general cerebral and physical development, resulting in a large High-Low Imbalance

Of the differences noted the last is the most significant; it will be discussed later in this report.

Religions

As with other planets showing a significant HLI, many humans on P98923 subscribe to Non-Intellectual Beliefs (NIBs) such as religions and superstitions, primarily to seek answers to questions such as:

- who (or what) made the universe and why?
- is there (or are there) undetectable supernatural beings?
- are we alone?
- why are we here?
- what happens to us when we die?

Although humans have achieved a scientific knowledge rating of more than 80% of the UA, their HLI tethers many of them to NIBs. However, in recent years some religions have mutated into political control structures to various degrees. We note that although overall adherence to NIBs is diminishing, as would be expected with advance of scientific

knowledge, the political influence of religion appears to be increasing. In keeping with typical examples of NIB to be found throughout the universe, many religions incorporate the social code of providing assistance and support for members of the DS who are unable to progress or develop because of factors outside their control. Of course, these codes are generally stronger in more advanced examples of DS on other planets in which NIBs are of trivial importance.

As in less advanced examples of DS, the NIBs on P98923 are generally based on imputing special attributes to individual members of the DS. These individuals are believed to have direct communication with divine USBs, or, in one case (the 'Jesus Christ' character previously referred to), to have been created through parthenogenetic conception by a divine USB genetic code donor.

Superstitions

Superstitions are frequently associated with non-divine USBs. Humans refer to these USBs in terms such as 'ghosts' or 'spirits'. Supposed visits by 'aliens' from other planets derive from supposed sightings of IAVs, referred to by humans as 'unidentified flying objects'. These sightings are invariably mis-identifications of phenomena such as secret military equipment deployments or freak weather conditions. As previously reported, apart from one exception none of the actual visits to P98923 by members of the UCG has ever been detected by the DS. The exception arose when multiple failures in a visiting craft's masking systems allowed DS crew members on a wind-propelled ship to observe the water landing of the visiting craft. The ship's DS members were apprehended and transported to a suitable location on another planet, chosen to guarantee their future wellbeing. Humans refer to this incident as the 'Marie Celeste Mystery'.

High-Low Imbalance (HLI)

We have already made reference to the oxygen-poor atmosphere on P98923. Low oxygen affects the chemistry of CBLF processes in two ways. Firstly, it limits the variety of protein molecules that can be generated, which in turn limits the variety of chromosome structures. Additionally the P98923 Divisible Coding Molecule (DCM) itself is deficient in hydroxyl groups compared to those to be found on most other planets, which reduces the ease of splitting hydrogen-bonded base pairs and hence slows evolutionary development through genetic modification. It is well known that the DSs on low-oxygen planets tend to be physically larger than the UA, with higher blood temperatures. The chemical mechanisms by which these modifications occur have been previously explained and do not need further comment in this report. Humans refer to their DCM as 'Deoxyribonucleic acid' (DNA).

The most important consequence of low-oxygen DCM chemistry is the resultant evolutionary consequences. Most commentators describe evolutionary progress in CBLFs as a triple-track process, relating firstly to physical change, secondly to emotional change and thirdly to intellectual change. Cerebral development in DSs which have evolved in this low-oxygen chemical environment tends to be less symmetric than the UA, in that intellectual development proceeds more rapidly than emotional development. In consequence, these species achieve high levels of scientific knowledge and understanding while retaining primitive social behavior. The DS average intellectual level

on P98923 is 83% of the UA, while the Social Behavior Index (SBI) lies in the region of 27 on the General Social Behavior Scale (GSBS) (0 to 100) scale (UA 53).

Examples of retarded behavior include:

- mass starvation
- extremes of wealth and poverty
- unsustainable exploitation of planetary resources
- irretrievable damage to or destruction of the planet's environment
- tribal political conflict
- extensive adherence to NIBs
- manipulation of NIBs for political purposes, leading to conflict
- genocidal episodes

Conclusions

Based on our observations, we conclude that extinction of the DS on planet P98923 is highly likely within a short time scale, confirming previous assessments. Using the latest algorithms we estimate a 95% probability of extinction within 200 years. This estimate is outside the envelope within which the current regulations allow preventative input from the UCG at the present time. In recent years the HLI on P98923 has worsened, in that harsh economic processes have disadvantaged a higher proportion of the DS than previously. The continued unwillingness of the DS to establish non-detrimental and renewable energy sources is also noted.

However, we note that the DS characteristics on P98923 are within tolerance for a further exploratory visit. Based on our observations we recommend a visit within the period 50 to 80 years.

The detailed report on P98923 will be published as soon as editing is completed.