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**IDEAS** Use 'orbital rings' for transport - like 03-9-26 on like cable cars - 45 min to anywhere in the world. Get up to them with 'railgun' lifters - linear electric/maglev motors? 03-9-24

Store electricity or hydro, solar etc by generating hydrogen, then pump that to where & when needed.

03-10-2: Might the 'arc telescope' be anisotropic i.e. give a different result for some central object, if rotated?

03-10-4: Gasfy, cool etc of minerals (or underground) and pipe to local generating stations? tower method?

03-10-4: The power to detect/decode minute electrical currents by the work photocopy, etc, should be duplicatable & usable, eg in studying brain waves, muscle activity etc.

**IDEAS** 03-9-11: Obligatory public videocams in developing countries, for assured information exchange? 03-9-17: Improvements in biogas generation: (1) Simple biogas pit with clay lining + clay dome over filled organic stuff? (2) Improved/selected bacteria for better CH<sub>4</sub>, less CO<sub>2</sub>? Better regime?

03-9-18: Analogue of sea-floor spreading, has occurred under all continental areas in past, ~~but~~ below sial surface 03-9-24: Heavy elements in planets created there by fusion in their cores.

03-9-24: (Formally): Continental masses do not move across the Earth's surface (continental drift), instead the subsurface moves away beneath them.

**IDEAS** 03-9-1: Use the 3G mobile phone network for security video transfer?

03-9-3: In the wood of tree roots or diatomitic or brachiopods?

03-9-4: Field agriculture could be revolutionized by treatment of the top 1cm (2cm, ...) of soil to kill weeds, help germinate crop seeds etc 03-9-4a: Steam engine good because accept wide variety of fuels - steam turbines for local electricity?

03-9-5: Develop have special top-layer germination requirements, not matched by weeds?

03-9-9: If galaxies radiate radiation, particles from central black holes (at right angles to their galactic plane) emit radiation, should be detected with circular appearance.

**IDEAS** 03-8-27: Black holes "so massive light cannot escape from their gravity well". More likely, wavelength cut right down? Source of 'cosmic background radiation'? 03-8-28: Orbit Ring(s) have array of sets of decreasing rings, shepherding the orbit ring cable in (2) Orbit ring cable can be powered/plowed or maglev electric motor. (3) Orbit ring sets as giant flywheel, stores huge amount of energy. (4) No need for equatorial orbit, can be any inclination.

03-8-29: Sinks etc higher up in a polarized area are less likely to be salty because of recharge patterns.

03-8-29: Orbit rings need not be above atmosphere (ca 190km+) the intrinsic power contained well able to overcome friction. 100km? 03-8-29

**IDEAS** 03-8-18: Marking stuff for ID - use human or other species DNA?

03-8-19: Namib Beetle from Afr. desert has a ridge/willy system on wing covers to collect water from fog - duplicate for water collection. [Ecology Ed] 03-8-19

If the Earth's liquid core is rotating at a different rate (different axis) to the mantle what energy is delivered up as the difference diminishes, i.e. the parts get more rotationally alike. Sufficient to affect/reflect expansion.

03-8-19a: How much energy from supercooled-liquid flow of rocks?

03-8-21: Summertime have available TV picture links to complaint/copying desks?

03-8-22: Get vital gland function working again by transplanting small piece of gland tissue into another less essential gland in same person?

03-8-27: Mars has no magnetic field (no radiation shield) - because no core? Or density cores.

**IDEAS** 03-8-8: Sprayed microdot identification spots on eg vehicle chassis could have the ID number encoded in some simple way (eg combo of colour pigments).

03-8-11: Would widely-separated pods of dolphins intercommunicate if satellite etc phone connections were established?

03-8-11: Set up companies to offer 'country management' equivalent of senior civil service management teams on contract?

03-8-14: If red-shifting due to climb out of a gravity well, then stars close to the centre of our galaxy should show more red-shift than rim stars. Check against assumed rotation rates, left & right of centre.

03-8-14: Spiral galaxies have young blue stars in outer arms of central stars progressively older (Scolars p.218). Earlier galaxies forming an orbit & are the inner parts (progressively) gradually being eaten by central black hole?

**IDEAS** 03-8-1: Formation of Pacific (and other) Oceans must have drained large areas (eg mid USA) formerly below shallow seas. 03-8-1: Maybe mountains spread & fault when their rocks behave like a supercooled liquid eg glass but more slowly? Similar to oiliers 'gravity deformation'.

03-8-6: If early Earth was covered by a uniform layer of SiAl (eg by close moon-tide melting), the present total SiAl volume distributable over early Earth should be  $\leq$  current maximum SiAl layer anywhere.

03-8-6: Investigate (drill?) rocks at bottom of Philippines Trench - Sino?

03-8-6: If Earth's magnetic field generated by differential rotation & its 'liquid core' should be confirmable by way the field changes with depth.

03-8-7: Terrorists & other fanatics - also some people undergo an irreversible mind-change absorbing excess SiO<sub>2</sub>?

**IDEAS** 03-7-24: Is cosmic background radiation merely/partly the result of ultra-red-shifted light/radiation?

03-7-28: Raised domes fed by pipes from higher collection basins

03-7-31: Find caves in the Nullarbor from residual minor depressions, echo-sounding/etc ground-probing radar etc?

03-7-31: Directly-separated geological strata of the same fossil age were presumably laid down at similar (shallow) sea depths, their present elevations raised broad-scale 'tilts' caused by withdrawal of underlying rock.

03-7-31: Ages of mountain uplifted can be dated, how about ocean trenches? Could a laser (magnetic) setup pair either side of a trench detect its widening?

03-7-31: If mountains are 'uplifted' where does their mass come from? Craters - go to?