

V_xC_s AFFIXES FOR ITHKUIL IV version 0.7.5 (April 8, 2021) by JQ

This document updates the previous version 0.6.2. The following changes have been made in version 0.7:

- The phonological values of the case-assessor and case-stacking affixes have been changed to accommodate the new rules in Sec. 3.9.1 of the Morpho-Phonology Design Document: Additionally, the phonological value of the **KIN**, **PG1**, **PG2**, and **VPF** affixes have been changed.
- The meanings of the nine degrees of the **CLG** affix have been re-ordered.
- The meanings of Degrees 4 and 6 of the **EFE** affix have been modified to conform to a change made to Sec. 3.11 of the Design Document.
- The label of the Emulation affix has been changed from **EMU** to **EML**. The following new affixes have been added:

ARO – Adverse Role

PRT – Degree of Portability

PCM – Primary Construction Material

MIA – Musical Instrument Attributes

CAM – Customizations & Modifications

AAA – Areal/Cultural Association - East Asia

AAS – Areal/Cultural Association - South Asia

AAI – Areal/Cultural Association - Southeast Asia / East Indies

AAC – Areal/Cultural Association - Central Asia

AAM – Areal/Cultural Association - Middle East

AAH – Areal/Cultural Association - Northern Africa & Horn of Africa

AAF – Areal/Cultural Association - Sub-Saharan Africa

AAN – Areal/Cultural Association - Northern & Western Europe

AAE – Areal/Cultural Association - Southern & Eastern Europe

AAW – Areal/Cultural Association - Western Hemisphere

AAO – Areal/Cultural Association - Other Areas

DDC – Degree of Domestication

HEA – State of Health

ASP – Attributes of Sub-Atomic Particles

CFQ – “Colors” and “Flavors” of Quarks

MNN – Manner

VAM – Velocity and Acceleration Measurement

DMU – Density-Related Measurement Units

LOA – Luminance & Optics A

LOB – Luminance & Optics B

EMA – Electro-Magnetic Measurement A

EMB – Electro-Magnetic Measurement B

EMC – Electro-Magnetic Measurement C

MSS – Measurement of Mass

EMU – Energy Measurement Units

FMU – Force Measurement Units

PMU – Pressure Measurement Units

OEM – Other Energy Measurement Units

USM – Ultra-Short Temporal Measurement

TPM – Temporal Measurement

LTM – Long-Term Temp. Meas.

ANG – Angular Measurement

VMA – Volumetric Measurement A

VMB – Volumetric Measurement B

VMC – Volumetric Measurement C

LDA – Linear Dimensional Measurement A

LDB – Linear Dimensional Measurement B

ARM – Areal Measurement

Changes to version 0.7.1:

- The value of the **ENG** affix has been changed to avoid a duplication.
- The ordering of the meanings of the **IVE** affix degrees has been corrected.
- The **MNA**, **MNB**, **MNC**, and **MND** affixes for musical notes have been added; a new **MNN** - Manner affix has been added.
- The labels of the number affixes (e.g., **2XX**, **3XX**, etc.) have been changed to place the number at the end, e.g., **XX2**, **XX3**, etc.
- The **DDC** affix has been modified to apply only to the domestication of animals; a new **CVL** – Degree of Civilization has been added
- Degrees 4 and 6 of the **AAE** affix have been corrected.
- New affixes added: **NCD** – Non-default Context + **Non-default** Perspective, and **NCE** – Non-default Context + Essence (+ **POLYADIC** Perspective)
- A new **GID** – Gender Identity has been added at the suggestion of u/Behemoth.
- The phonological values of the **HUM** and **SEX** affixes have been changed.
- Various typos/errors corrected – thanks to those who noticed them.

Changes to version 0.7.2:

- The phonological signature of Gradient Type-0 affixes has been expanded to include a sibilant + fricative (other than fricatives **-ç-**, **-x-**, or **-h-**). As a consequence, the phonological values of the **SYM**, **TAL**, **STT**, **DCX**, and **DPF** affixes have been changed.
- The phonological values of the following affixes have been changed: **ICR**, **DCR**, **ICD**, **DCI**, **IDR**, **VWP**, **EXN**
- The abbreviation for the Modification affix have been changed from **MDF** to **MDI**; the abbreviation for the Manufactured/Specialized Containers/Dispensers affix is changed from **MSC** to **MCD**; the Measurement of Mass affix is changed from **MSS** to **MAS**; Degree of Difficulty **DDF** is changed to **DIF**; the Degree of Domestication affix is changed from **DDC** to **DDM**. (These changes are due to the new **C_A** Configuration abbreviations.)
- New affixes added: **PTN** – Potential, **CUA** / **CUB** / **CUC** – Currency A/B/C; **KBP** – Basis for System of Knowledge, Belief, or Practice; **DOP** – Degree of Optimality, **NPE** – Non-Relative Physical Extent

Changes to version 0.7.3:

- Various typos/errors corrected (thanks to kiepier for pointing these out).
- The explanations of the spatial-positional-motion affixes have been modified per a suggestion from Menotim.
- Due to the recent (re-)introduction of Formative Slot VI **C_A** gemination, the following affixes have had their phonological values changed: **S15**, **X10**, **PLE**, **MDI**, **TDM**, **CGL**, **AVP**, **ITN**, **IDF**, **IOR**, **DX1**, **DX2**, **PRQ**, and the case-accessor, inverse case-accessor, and case-stacking affixes.
- Degrees 6 and 7 of the **DPT** affix have been changed. The phonological value of the **RPN** affix has been changed.
- The abbreviation of the Semantic Network affix has been corrected to **SMN**; the phonological value of the **ENS** affix has been changed.
- The **AP1** through **AP4** Aspect affixes have been updated to conform to recent changes in the morpho-phonology (thanks to kiepier for noticing this).
- The following new affixes have been added:

CYC – Cyclic Recurrence

CYL – Cyclic Recurrence Long-Term

FQC – Frequency of Cyclic Recurrence

FQL – Frequency of Cyclic Recurrence Long-Term

ITE – Iterations Per Time-Period

ILT – Iterations Per Long-Term

STF – Miscellaneous Surface Textures or Formations

OBN – Ocean-based Environmental Niche for Species or Sub-Species Differentiation

IEC – Identity, Equivalence, and Convertibility

EMQ – Emotional Qualification

HDM – Hidden or Double Meaning

DPY – Degree of Principality

Changes to version 0.7.3.1:

- The phonological values of the musical note affixes (**MNA**, **MNB**, **MNC**, **MND**) have been changed. A Type-1 vs. Type-2 affix distinction has been added to these affixes as well (per kiepier’s suggestion). The **ITP** affix abbreviation has been changed to **ITE** (thanks to Skorokhodov).
- The **DCF** and **MCF** affixes have been updated to reflect the newer Configuration abbreviations (thanks to kiepier for noticing this).
- The phonological values of the **SEX** and **GID** affixes have been swapped so that the former matches the corresponding root.
- Additional typos/errors corrected (thanks primarily to kiepier).

Changes to version 0.7.4:

- New affixes added: **URS** – Usage of a Resource
- Various suggestions from melopee have been implemented: the meaning of Degree 5 of the **SEQ** affix has been revised; the ordering of the **SDM** degrees has been revised; several degrees of the **TVP** affix have been simplified; the **DSZ** affix has been modified; the **BEH** Affix has been modified and a new **SCA** – Degree of Social Appropriateness affix has been split off from it; the **SBT** and **DRC** affixes have been modified; the **COL**, **CLD** and **PCM** affixes have been re-designated Type D-1 gradient affixes and their phonological values have been changed accordingly; the **RDT** affix has been slightly modified; the **APV** affix has been re-designated a Type A-1 gradient affix and its phonological value changed accordingly, the **CAM** affix has been slightly modified to make all nine of its degrees available for use with objects other than musical instruments; the four Musical Note affixes have been renamed **GAB**, **BCD**, **DEF**, **FGA**; the meanings of the **HDM** affix have been clarified. **PHS** affix updated/corrected. **IVE** and case assessor affixes updated/corrected.

Changes to version 0.7.5:

- Degrees 7 and 8 of **INB** affix modified. Several degrees of the **ENG** affix have been modified. The **CK1** and **CK2** affix values have been reshuffled and a new **CK3** Cooking Methods 3 affix has been added.
- Per a suggestion from uakci, Degree 0 of the **IVE** affix now conveys unspecified Validation plus ASR Illocution plus one of the three Expectations.
- Due to the elimination of POLYADIC perspective from the latest version of the language, Degrees 5 and 6 of the **XX**[number] affixes have been modified to perform the function of indicating plural number if necessary.
- New affixes added:

ADI Adverse Disease-Disorder-Illness	ISA Infrastructural Association affix
EFP Degree of Effect from Pain or Pleasure	ESO Extent to Which Something Occurs
IMX Type of Imaginary Existence	CRE Capacity for Relationship with an Entity
OPL Degree of Onset and Prolongation	NEC Degree of Necessity
ION Ionic Compounding Elements	EPS Energy/Power Source
AMC Number of Atoms in a Molecular Compound	ASC Areal/Spatial Scope
PIA, PIB, PIC, PID Polyatomic Ions A/B/C/D	TCT Tactile Associations
CPI Polyatomic Cations	VIS Visual Associations
PIC Additional Polyatomic Ionic Configurations	AUR Aural Associations
GPA/GPB/GPC/GPD/GPE/GPF/GPG/GPH/GPJ Functional Group A/B/C/D/E/F/G/H/J	

The following Ithkuil **V_xC** affixes are not found in this new revision of the language:

- **DEF**: Use new **DCD** and **IDF** affixes instead.
- **CTR**: Use either the revised **CTR**, or new **IOR**, **PXR**, or **XOR** affix as appropriate.
- **NA1, NA2, NA3, NA4**: Use new **NEG** negation affix instead or the new **AFM** affix.
- **CTN**: Use **REA**, or **XPT** affixes, or new **AFM** or **IPC** affixes.
- **MD01** through **MD33**: Use new modality affixes instead (**DSD**, **CPC**, **DBV**, **ATP**, **OBG**, **AVS**).
- **AGC**, **ROL**, **ABD**: Use case-accessor and inverse-accessor affixes/adjuncts instead.
- **APT**: Use new **AP1**, **AP2**, **AP3**, or **AP4** affixes instead.
- **TEM**: Use new **ASQ** affix instead, or new **AP1**, **AP2**, **AP3**, or **AP4** affixes.
- **LCT**: Use Degree-5 of new spatial/motion affix form with any spatial position affix derived from a root indicating X/Y/Z position/location.

Note: Those affixes whose three-letter abbreviations are followed by an asterisk (e.g., DNG*) have an associated **C_R** root.

The **V_xC_s** affix entries are displayed in three different ways:

1. Affixes imported from Ithkuil 2011 without modification (other than a reassignment of the affix's phonological value in most cases) are shown in **black**.
2. Affixes imported from Ithkuil 2011 which have been modified to some extent in the new language (in addition to a reassignment of phonological value) are shown in **green**.
3. Affixes new to this language (i.e., not found in Ithkuil 2011) are shown in **blue**.

The Seven Gradient Types

Each of the V_xC_s affixes falls into one of seven gradient types, referring to the pattern (or lack thereof) of hierarchical meanings associated with the nine degrees of the affix. Each of the seven gradient types has a particular phonological signature associated with the affix's consonant-form as a mnemonic aid in learning the affixes. The gradient types have been color-coded for ease of recognition.

Gradient Type 0 (Zero): No gradient pattern. The nine degrees of the affix do not manifest any particular hierarchical semantic gradient. Affixes of Gradient Type 0 are either a single sibilant (whether a fricative or affricate), a sibilant + stop, a sibilant + fricative (other than $-ç-$, $-x-$, or $-h-$), or a bi-consonantal form ending in a sibilant, e.g., $-s$, $-č$, $-sk$, $-gz$, $-jd$.

Gradient Type A1: A bivalent zero-to-one gradient. Degree 1 signifies one extreme of a gradient spectrum/range of meaning (whether minimal or maximal) while Degree 9 signifies the other extreme (whether minimal or maximal). Degrees 2 through 8 cumulatively add (or subtract) an amount of the concept associated with the affix. Gradient Type A1 affixes consist of a bi- or tri-consonantal form beginning with $-r$ or $-ř$, e.g., $-rt$, $-řn$, $-rks$.

Gradient Type A2: A bivalent “zero-to-one” spectrum-like gradient like Type A1 where Degrees 1 and 9 convey sufficiency connotations of “too little X” and “too much X”. Gradient Type D affixes consist of or end in $-h$ (except $-rh$ and $-řh$, which are Type A1).

Gradient Type B: A “three-by-three” gradient pattern. Degrees 1 through 3 signify a spectrum or range involving one sub-parameter, Degrees 4 through 6 signify the same spectrum/range under a different sub-parameter, and Degrees 7 through 9 signify the same spectrum/range under a third sub-parameter. Gradient Type B affixes consist of at least two consonants and always begin or end with $-ç-$.

Gradient Type C: A “one-by-two” or “oscillating” gradient. Degree 1 represents one extreme of a spectrum/range which increases/decreases to the other extreme of the spectrum/range usually represented by Degree 4, while Degrees 6 through 9 cycle back through the same values but with a different sub-parameter operating orthogonally to Degrees 1 through 4. Degree 5 usually represents a neutral or meta-level value associated with the semantic concept of the affix. Gradient Type C affixes consist of or end in $-ř$.

Gradient Type D1: A trivalent “-1 to 0 to +1” gradient. Degrees 1 and 9 represent opposite (or complementary) extremes of a spectrum/range while Degree 5 (sometimes Degree 4 or 6) represents a “mid-point” signifying a standard, normal, commonplace, neutral, zero, or baseline value. This is the most common type of affix. Any consonant-form that does not phonologically conform to the other types is a Gradient Type D1 affix.

Gradient Type D2: A trivalent “-1 to 0 to +1” gradient like Type D1 where Degrees 1 and 9 convey sufficiency connotations of “too little X” and “too much X”, where the operating sufficiency parameter is excessiveness (or the lack thereof). Gradient Type D2 affixes either end in (or consist of) $-x$, or consist of two or more consonants ending in $-m$.

Demonstrative Determinative and Deictic Affixes

-t	DCD* Deictic Demonstratives
1	this X (at/by/near speaker); the X under discussion; the X at hand; in this manner/way, in the manner at hand, in said manner
2	that X (at/by/near addressee); the X at/by/near the addressee; in that manner/way, thus
3	that X yonder (away from both speaker and addressee); in that manner, thus
4	the previously mentioned X, the X known to speaker and addressee, the contextually specific/relevant/identified X, "the" X; in the manner under discussion or contextually known
5	[head of relative clause and/or the formative to which a later Obviative PRA refers]
6	[same as Degree 4 + head of relative clause and/or the formative to which a later Obviative PRA refers]
7	[same as Degree 3 + head of relative clause and/or the formative to which a later Obviative PRA refers]
8	[same as Degree 2 + head of relative clause and/or the formative to which a later Obviative PRA refers]
9	[same as Degree 1 + head of relative clause and/or the formative to which a later Obviative PRA refers]

-tř	DX1 Deixis Categories
1	yonder / way over there somewhere / a long way away (not near anyone) [inaccessible or unobservable]
2	over there somewhere (by third party) [inaccessible or unobservable]
3	there somewhere (by listener) [inaccessible or observable]
4	here somewhere (by speaker) [inaccessible or observable]
5	here with us (by speaker and listener and accessible)
6	here (by speaker and accessible)
7	there [by listener and accessible]
8	there (by third party, but accessible to speaker or listener)
9	yonder / way over there [not near any party but accessible]

-stř	DX2 Additional Deixis Categories
1	spread out/ everywhere / scattered yonder / all over out there [inaccessible]
2	spread out/ everywhere / scattered all about 3rd party / all over the place around 3rd party [inaccessible]
3	spread out/ everywhere / scattered all about listener / all over the place around listener [inaccessible]
4	spread out/ everywhere / scattered all about speaker / all over the place / here and there [inaccessible]
5	spread out/ everywhere / scattered all about speaker and listener [accessible]
6	spread out/ everywhere / scattered all about speaker/all over the place / here and there [accessible]
7	spread out/ everywhere / scattered all about listener / all over the place around listener [accessible]
8	spread out/ everywhere / scattered all about 3rd party / all over the place around 3rd party [accessible]
9	spread out/ everywhere / scattered yonder / all over out there [accessible]

-ňđ	IDF Identificative
1	any (of the various / of the number of) X [random selection - NOT quantitative/partitive “any”]; in any manner
2	almost any; in almost any (number of) way(s)
3	some X or other; in some way or other
4	some certain X ; in some certain way [identity unknown]
5	this X or that; a certain X or more; in this way or that [identity almost known – choices limited]
6	a certain / a particular; in a certain or particular way [identity ascertainable]
7	presumably this/that; apparently this X ; in that way presumably [tentatively identified]
8	a certain / a particular; in a certain or particular way [identity presumably known to addressee but not to speaker]
9	a certain / a particular; in a certain or particular way [identity known to speaker but (potentially) not to addressee]

-řđ	EXT* Exactness/Comparability of Identity / Identity As a Standard
1	not comparable to X / unlike X / inexact(ly)
2	not quite comparable to X / not nearly exact enough
3	nearly or almost that X; nearly or almost so
4	just about . . . / for all intents and purposes
5	such (a); in such a manner
6	comparable / comparably / good enough / well enough / sufficiently exact
7	just like that; just so, thus(ly)
8	a(n exact) copy/duplicate of X / an exact substitute for X
9	the exact X / the very (one); exactly thus / exactly so

-čř	AFR Degree of Assumed Familiarity/Recognition
1	speaker assumes addressee does not know/recognize the reference
2	speaker assumes addressee may know but has forgotten the reference
3	speaker assumes addressee knows but has forgotten the reference
4	speaker assumes addressee knows but may have forgotten the reference
5	speaker assumes addressee knows/recognizes the reference
6	unknown whether addressee knows the referent; speaker will elucidate anyway
7	unknown whether addressee knows the referent; speaker willing to elucidate if requested
8	unknown whether addressee knows the referent; speaker will elucidate only reluctantly if pressed to do so or absolutely necessary
9	unknown whether addressee knows the referent; speaker unwilling to elucidate

-r_l	FAM Degree Of Familiarity
1	unknowable / alien; unable to even try X-ing
2	totally unfamiliar, utterly strange; totally unaccustomed to X-ing
3	unfamiliar, strange; unaccustomed to X-ing
4	somewhat unfamiliar; somewhat unaccustomed to X-ing
5	just becoming familiar, just getting to know; just getting used to X-ing
6	somewhat familiar; somewhat accustomed to X-ing
7	familiar/known; accustomed to X-ing
8	well-known / utterly familiar with / ingrained; inherently accustomed or used to X-ing
9	intimate with; intimately involved with / intimately accustomed to

-rx	SIM* Degree Of Similarity
1	opposite; as different as possible / at the other extreme
2	completely different/dissimilar; in a totally different or dissimilar way
3	rather different / barely similar / almost completely different or dissimilar; in an almost completely different way
4	other [=different]; in another [=different] way
5	somewhat different, only superficially similar; somewhat differently
6	(somewhat) similar, only superficially different, sort of like, something like, X-like; similarly
7	similar in the ways that count/similar down deep, some sort of X; similarly at deep level
8	very similar; very similarly
9	[exactly the] same, indistinguishable from; in the [exactly] same way

Sequential/Temporal Affixes

-nt	SEQ* Numerical Sequence
1	first / initial; first(ly) / first of all
2	second; secondly
3	third; thirdly
4	fourth; fourthly
5	middle / median / in the middle or median position
6	fourth from last; pre-antepenultimately
7	third from last; antepenultimately
8	next to last; penultimately
9	last / final; last(ly) / finally (in terms of sequence)

-It	SQT Sequence Relative to Present Context
1	the former; primarily
2	two before preceding
3	one before preceding
4	immediately beforehand / the preceding / first (of two)
5	current/at hand; now/currently / at the moment [in sequence of events]
6	next / following; then / next
7	one after next
8	second one after next
9	the latter; secondarily

The following affixes are based on the number roots; the meanings of their nine degrees are shown on the right. (Add a Type-3 TNX affix from the next page to create words such as “a set of thirty-four cats”.

-ks	XX2* [two]
-z	XX3* [three]
-pš	XX4* [four]
-st	XX5* [five]
-cp	XX6* [six]
-ns	XX7* [seven]
-čk	XX8* [eight]
-lž	XX9* [nine]
-j	X10* [ten]
-gz	XOH* [one hundred]
-pc	XTT* [ten thousand]
-kž	XTM* [100 ⁴]
-čg	XTQ* [100 ⁸]
-cg	X11* [eleven] (used in the context of a number-base higher than ten)
-jd	X12* [twelve] (used in the context of a number-base higher than ten)
-lj	X13* [thirteen] (used in the context of a number-base higher than ten)
-bc	X14* [fourteen] (used in the context of a number-base higher than ten)
-tž	X15* [fifteen] (used in the context of a number-base higher than ten)
-vj	UHN Uncountably High Number (e.g., “zillions”, “a myriad of”, etc.)

1	being the #th member of a set per sequential physical arrangement
2	being the #th member of a set per conventionalized/agreed-upon order
3	being the #th member of a set per hierarchical order
4	being the #th member of a set per contextual/circumstantial order*
5	being/having #-number of members or instances/occurrences
6	being/having at least #-number of members or instances/occurrences
7	being/having #-number of parts/sections
8	being/having #-number of nodes/hubs/connections/access points
9	being/having #-number of hierarchical levels/tiers

* i.e., the #th member of a set that does something or that something happens to

In addition to the above affixes based on number roots, the roots for ‘ZERO’ and ‘ONE’ also have affixes associated with the degree patterns to the right, to provide a means for saying, for example, “(set of) thirty-one cats” or “device having twenty parts”.

-zc	XX1 [one]
-vc	XXZ [zero]

-rs	TNX Multiples of Ten (used with the number roots 0 thru 9 to create the numbers 11 through 99)
1	X plus 10
2	X plus 20
3	X plus 30
4	X plus 40
5	X plus 50
6	X plus 60
7	X plus 70
8	X plus 80
9	X plus 90

Add this affix as Type-3 to the XX2, XX3, etc. affixes above to create words meaning “set of thirty-four cats”, for example.

-řd	SQC Sequence of Cause and Effect
1	originating; originally / in the first place / initially / at the outset
2	preliminary; preliminarily
3	preparatory / in preparation for / getting ready to
4	precursor to; but just beforehand
5	awaited; waiting to/ waiting for [focus on imminency or sequential position, NOT on anticipation]
6	subsequent / consequent; then / so / thus / therefore
7	based on the preceding and setting the stage for what follows
8	following /...which follows; then subsequent to that / following that...
9	eventual / at last; final / finally (result)

-rc	ELA Elapsed Time (to be attached to numerical stems or quantitative formatives)
1	X number of nanoseconds
2	X number of microseconds
3	X number of milliseconds
4	X number of seconds
5	X number of minutes
6	X number of hours
7	X number of days
8	X number of months
9	X number of years

-nd	ASQ Aspectual Sequencing
1	about to X / right before X (immediately before beginning)
2	start X-ing / the start or beginning of X
3	just started X-ing / right after the start of X
4	in the middle of the first part/half of X
5	in the middle of X-ing / the middle part of X
6	in the middle of the last part/half of X
7	about to stop X-ing / right before the end of X
8	stop X-ing / the end of X
9	just stopped X-ing / right after X (immediately after end)

-rb	TPI Impact or Duration Over Time
1	immediate / at this instant / for this moment; momentary
2	temporary / for right now / for the moment; temporarily / in the meantime [duration of context. recent]
3	short term/for now; in the short term/for now/ / for the immediate future [hours to days]
4	for the meantime / for the meanwhile [days to weeks to months]
5	for a while / for some time to come [months to several years]
6	for the foreseeable future [years to decades]
7	long term/in the long run; over the course of time [over the course of a lifetime, decades to centuries]
8	through the ages / over the course of the ages [centuries to millennia]; permanent
9	ever-present / eternal / constant / incessant / neverending; from now on / eternally / everlasting / all the time / for all time

-rv	TD1* Temporary Duration 1
1	momentary (= lasting no more than a few seconds)
2	brief (= lasting from about 10 seconds to less than a minute)
3	for a “minute” or so
4	for a few minutes (e.g., “while you wait”)
5	for a little while (i.e., approx. 10 to 30 minutes)
6	for a while; for the better part of an hour (i.e., for up to an hour)
7	for a bit of a while (i.e., from one to several hours)
8	for a quite a while (i.e., from several hours up to most of the day)
9	all day long; for all day (i.e., lasting nearly, approx., or up to 24 hours)

-rd	TD2* Temporary Duration 2
1	between one day and two days in duration
2	for two days
3	for three or four days
4	up to a week
5	for several weeks
6	for about a month
7	for about half a year (i.e., approx. six months)
8	for the better part of a year (i.e., from seven to 11 months)
9	for a year (approx.)

-rn	LTD* Life-Time Duration
1	for more than a year
2	for two to four years
3	for about five years
4	for most of a decade, for the better part of a decade
5	for approx. a decade
6	for a generation (approx. 20 to 25 years)
7	for about half a century (approx. 50 years)
8	for a lifetime (approx. 75 to 90 years)
9	for about a century (approx. 100 years)

-řt	LGD* Long-Term Duration
1	for more than a century
2	for about two centuries
3	for about half a millennium (approx. 500 years)
4	for the better part of a millennium; for most of a/the millennium
5	for a millennium or so
6	for several millennia
7	for about ten thousand years
8	for about 50 thousand years
9	for about 100 thousand years

-rñ	EPC* Epoch-Length Duration
1	for several hundred thousand years
2	for the better part of an age (i.e., up to a million years)
3	for an age (approx. one million years)
4	for an epoch (approx. 10 million years)
5	for an era (approx. 10 epochs = 100 million years)
6	for an eon (approx. 5 eras = 500 million years)
7	for about a billion years
8	for several billion years
9	for the lifespan of the universe

-řf	UST Ultra-Short-Term Temporal Scale
1	on a scale measurable in yocto-seconds (10^{-24} seconds)
2	on a scale measurable in zepto-seconds (10^{-21} seconds)
3	on a scale measurable in atto-seconds (10^{-18} seconds)
4	on a scale measurable in femto-seconds (10^{-15} seconds)
5	on a scale measurable in pico-seconds (10^{-12} seconds)
6	on a scale measurable in nano-seconds (10^{-9} seconds)
7	on a scale measurable in micro-seconds (10^{-6} seconds)
8	on a scale measurable in milliseconds (10^{-3} seconds)
9	on a scale measurable in seconds

-nđ	STT Short-Term Time References
1	happening/occurring yesterday
2	happening/occurring some hours ago, earlier today
3	happening/occurring less than an hour ago
4	happening/occurring a few moments ago
5	happening/occurring at this very moment (having begun only a moment ago and expected to continue only until a moment from now)
6	happening/occurring a few moments from now
7	happening/occurring less than an hour from now
8	happening/occurring some hours from now, later today, later tonight
9	happening/occurring tomorrow

For larger time scales, use the **TD1**, **TD2**, **LTD**, **LGD**, and **EPC** affixes.

-rp	FRQ* Degree Of Frequency
1	never
2	rare / hardly ever / once in a great while; rarely / almost unheard of
3	infrequent; seldom / infrequently
4	now and then / from time to time / off and on / every so often / now and again / occasionally / sometimes
5	frequent; frequently / often
6	usual; usually / customarily / generally
7	almost always / rarely fail to / routinely
8	ever-faithful / unwavering; always / every time / without fail / like clockwork / never fail to
9	constant / continuous; constantly / continuously / all the time / ever-present

-rm	ITN Degree Of Iteration
1	just once / once only
2	again / once more / one more time / re-
3	again and again / keep X-ing over and over [focus on habit, not periodicity]
4	again and again / keep X-ing over and over [focus on periodicity, not habit]
5	irregular, unpredictable ; at irregular or unpredictable intervals
6	[cyclic] return of... / ...once again; return to / ...back again [e.g., summer's back]
7	intermittent; intermittently / at regular intervals
8	repetitive / repeating; repeatedly
9	constantly cycling or repeating / continuously or perpetually repeating / constant, eternal, perpetual repetition of

-çt	RPN Pattern of Spatio-Temporal Repetition or Distribution of Set Members
1	slow-paced repetition at regular intervals
2	slow-paced repetition at irregular intervals
3	slow-paced repetition at mixed intervals
4	mid-paced repetition at irregular intervals
5	mid-paced repetition at regular intervals
6	mid-paced repetition at mixed intervals
7	fast-paced repetition at mixed intervals
8	fast-paced repetition at irregular intervals
9	fast-paced repetition at regular intervals

-rw/-ry	SPT Specified Points in Calendrical Time (used with Stem 3 of the number roots to render, e.g., 'the third day of the week (i.e., Wednesday)' or '20th of May', etc.
1	second(s) of the minute
2	minute(s) of the hour
3	hour of the day
4	day of the week
5	day of the month
6	week of the month
7	month of the year
8	year
9	century

-rkw	CYC Cyclic Recurrence
1	(occurring) every second
2	(occurring) every minute
3	(occurring) every hour; hourly
4	(occurring) every day; daily
5	(occurring) every week; weekly
6	(occurring) every month; monthly
7	(occurring) every year; yearly/annually
8	(occurring) every decade; decennially
9	(occurring) every century; centennially

-rtw	FQC Frequency of Cyclic Recurrence [use with number roots/affixes]
1	every X (number of) seconds
2	every X (number of) minutes
3	every X (number of) hours
4	every X (number of) days
5	every X (number of) weeks
6	every X (number of) months
7	every X (number of) years
8	every X (number of) decades
9	every X (number of) centuries

-rtw	ITE Iterations Per Time-Period [use with number roots/affixes]
1	X times per second
2	X times per minute
3	X times per hour
4	X times per day; X times daily
5	X times per week; X times weekly
6	X times per month; X times monthly
7	X times per year; X times yearly
8	X times per decade
9	X times per century

-rky	CYL Cyclic Recurrence [Long-Term]
1	(occurring) every millennium
2	(occurring) every ten-thousand years
3	(occurring) every hundred-thousand years
4	(occurring) every age; every million years
5	(occurring) every epoch; every 10 million yrs.
6	(occurring) every era; every 100 million years
7	(occurring) every eon; every 500 million years
8	(occurring) every billion years
9	during the lifespan of the universe

-rty	FQL Frequency of Cyclic Recurrence [Long-Term] [use w/ number roots/affixes]
1	every X (number of) millennia
2	every X (number of) 10-thousand yr. periods
3	every X (number of) 100-thousand yr. periods
4	every X (number of) ages [10^6 yrs.]
5	every X (number of) epochs [10^7 yrs.]
6	every X (number of) eras [10^8 yrs.]
7	every X (number of) eons [5×10^8 yrs.]
8	every X (number of) billion-year periods
9	every X (number of) universe-lifespans

-rty	ILT Iterations Per Long-Term [use with number roots/affixes]
1	X times per millennium
2	X times per 10-thousand year period
3	X times per 100-thousand year period
4	X times per age [10^6 yrs.]
5	X times per epoch [10^7 yrs.]
6	X times per era [10^8 yrs.]
7	X times per eon [5×10^8 yrs.]
8	X times per billion-year period
9	X times within the lifespan of the universe

-kt	TPP* Temporal Position Relative to Present
1	in the remote past, once upon a time
2	past/former/previous; once [e.g., I was young once], a long time ago
3	recent; recently
4	. . . just past / just (happened)
5	present/current/present day; now / at present / presently / currently
6	imminent; just about to / about to / on the verge of
7	forthcoming / soon to arrive; soon
8	future / -- to be / --to come / eventual(ly); someday...
9	in the remote future / far in the future / long after we're gone

-lst	ANT* Degree Of Anticipation	See Emotion Root: -LST-
1	long-awaited / long looked for	
2	eagerly awaited; can't wait for / dying to	
3	anticipated / awaited; in anticipation of / look to	
4	up for / up to	
5	await / wait to / wait for / waiting to	
6	ambivalent about ; could take or leave it	
7	not looking forward to	
8	dreaded; dread X-ing	
9	long-dreaded; dread the day when	

-lt	RTI Relative Timeline Indicator
1	<p>X is/occurs after the relative/contextual present of a statement (as may be defined by TPP affix) but is considered completed or no longer applicable after-the-fact from the speaker's present viewpoint, e.g.,</p> <ul style="list-style-type: none"> • <i>Flowering plants had not yet developed / were yet to develop during the Cambrian geological period</i> (but they have developed since). • <i>The enemy's code will still be unbroken / will have yet to be broken by the time they attack us</i> (but it will be eventually broken) • <i>The boy later realized / had not yet realized the clown was lying about the Clown Planet</i> (but he realizes it now). (TPP/3) <p>(Note how English translations of this affix may require use of a negative not present in the original.)</p>
2	<p>X is/occurs after the relative/contextual present of a statement (as may be defined by TPP affix) and its occurrence is still outstanding/impacting the speaker's present viewpoint, e.g.,</p> <ul style="list-style-type: none"> • <i>Hurry! The bus is yet to depart / has not yet departed.</i> (lack of TPP affix implies present context) • <i>By leaving your seat just now to get a soda, you've missed (seeing) / have not seen the magician do his disappearing act.</i> (TPP/4) • <i>The boy hasn't (yet) realized the clown was lying about the Clown Planet.</i> (TPP/3) <p>(Note how English translations of this affix may require use of a negative not present in the original.)</p>
3	<p>X continues to occur or have an effect in the relative/contextual present or has begun during or prior to the relative/contextual present and will continue into the future of that same relative/contextual present, e.g.,</p> <ul style="list-style-type: none"> • <i>She was (still) sleeping when I left the apartment.</i> (TPP/3 or TPP/4) • <i>She'll (still) be sleeping when I arrive.</i> (TPP/6 or TPP/7) • <i>Civilizations rise and fall but the Euphrates River keeps rolling along.</i> (NOMIC or TPP/5) • <i>I've been watching TV all day.</i> (lack of TPP affix implies present context) • <i>We'll be watching the apartment all night.</i> (TPP/7)

4	<p>X continues to occur or have an effect in the relative/contextual present or has begun during or prior to the relative/contextual present and will continue into the future of that same relative/contextual present, but does not continue into, or have a retrograde effect/impact on the speaker's contextual present, e.g.,</p> <ul style="list-style-type: none"> • <i>She was (still) sleeping when I left the apartment.</i> (TPP/3 or TPP/4) (but she's no longer sleeping now) • <i>She'll (still) be sleeping when I arrive.</i> (TPP/6 or TPP/7) (but she's not sleeping yet) • <i>I've been watching TV all day.</i> (lack of TPP affix implies present context) (but I'm not doing so now) • <i>We'll be watching the apartment all night.</i> (TPP/7) (but we're not doing so yet)
5	<p>X has been/done so in the past and will again in the future, but not being/doing so at present, e.g.,</p> <ul style="list-style-type: none"> • <i>the once-and-future king</i> • <i>I did it before and I will do it again.</i>
6	<p>X begins to be/occur before the relative/contextual present of a statement (as may be defined by TPP affix) and continues to be/occur during that same relative/contextual present but does not impact the speaker's contextual present, e.g.,</p> <ul style="list-style-type: none"> • <i>The band had started playing / The band was now playing (then, but no longer).</i> • <i>The war will have begun.</i> (TPP/6 or TPP/7) (then, but not now). • <i>Doby the sentient dinosaur, had watched the giant meteor approach his home, whose name would one day be Chicxulub, with a sense of dread.</i> (TPP/1)
7	<p>X begins to be/occur before the relative/contextual present of a statement (as may be defined by TPP affix) and continues to be/occur during that same relative/contextual present, e.g.,</p> <ul style="list-style-type: none"> • <i>The band has started playing / The band is now playing.</i> • <i>The war will have begun.</i> (TPP/6 or TPP/7) • <i>Dody the sentient dinosaur, watched the giant meteor approach her home, whose name would one day be Chicxulub, with a sense of dread.</i> (TPP/1)
8	<p>X is/occurs before the relative/contextual present of a statement (as may be defined by TPP affix) and the consequences of its occurrence are still outstanding/impacting the speaker's present viewpoint, e.g.,</p> <ul style="list-style-type: none"> • <i>The bus had (already) departed when/by the time I arrived.</i> (TPP/3) • <i>The bus will have (already) departed by the time I arrive.</i> (TPP/7)
9	<p>X is/occurs before the relative/contextual present of a statement (as may be defined by TPP affix) but is considered completed or no longer applicable after-the-fact from the speaker's present viewpoint, e.g.,</p> <ul style="list-style-type: none"> • <i>The river had (already) dried up when/by the time the settlers arrived.</i> (TPP/2 or TPP/3) • <i>The Sun will have (already) gone nova when/by the time we develop interstellar ships.</i> (TPP/8)

-řc	AMD Ante-Meridieum Times of Day
1	just after midnight
2	during madrugada; during the wee hours; during the middle of the night
3	just before daybreak; just before dawn
4	at/around dawn; at daybreak
5	at sunrise
6	during/in the early morning after sunrise
7	during/in the morning
8	during the late morning
9	around mid-day; at/around noon

-řj	PMD Post-Meridieum Times of Day
1	just after mid-day; in the early afternoon
2	in the mid afternoon
3	during/in the afternoon
4	in the late afternoon
5	at sunset
6	at dusk; at/during twilight
7	during the early evening
8	during/in the evening
9	in the late evening; around midnight

-km	TME* Degree Of Timeliness (renamed from LAT)
1	too early / too soon
2	(quite) early
3	a little early / a bit soon
4	almost late / not a moment too soon / none too soon
5	just in time / sharp / on the dot
6	slightly late but not enough to make a difference
7	a little late
8	late / just missed it
9	too late / you missed it

-tp	TPR Temporal Placement/Reaction/Viewpoint
1	wistfully looking back / in the (good) old days [with longing] / with nostalgia
2	in hindsight / looking back
3	upon further consideration/upon reflection
4	initial; at first/initially / at first blush / at first glance
5	now that the moment has come / now that the time is here / now that the event is at hand
6	any moment now; on the verge of; just about to
7	imminent(ly) ; very soon
8	soon [w/ anticipation]
9	someday. . . / one day [with longing]

-rš	STG* Stage, Step or Phase of a Process
1	onset/initiation/birth of X
2	development/build-up of X
3	point of no return/imminent transition of X
4	plateau stage, rest or pause before next stage of X
5	(at) peak / in prime / mature stage
6	abrupt or premature termination of X
7	gradual decline of X
8	end stage / final state / terminal or last stage
9	cessation / finished / over / dead

-šř	STS* Spatio-Temporal Specification
1	spatial interpretation
2	spatial interpretation -- preceding X, in front of X, before (one arrives at) X, first this then X,
3	spatial interpretation -- at the exact spot where X is, right where X is
4	spatial interpretation -- after X, behind X, following X, subsequent to X
5	spatial & temporal interpretation
6	temporal interpretation -- after X, (in the time) following X, subsequent to X
7	temporal interpretation -- at the moment of X, upon (the occurrence of) X
8	temporal interpretation -- preceding X, (in the time) before X, first this then X, prior to X
9	temporal interpretation

-mp	DTS Duration of Shift/Change/Transition (used for both spatial and temporal contexts)
1	sharp break, sudden shift from one state/form/shape/set of circumstances to another with no discernible transition period/zone (i.e., point-like/instantaneous transition)
2	extremely brief/small/barely discernible transition period or zone from one state/form/shape/set of circumstances to another
3	somewhat brief/small/discernible transition period or zone from one state/form/shape/set of circumstances to another
4	below-average or less-than-normal duration of transition period or zone from one state/form/shape/set of circumstances to another
5	normal/standard/expected transition period or zone from one state/form/shape/set of circumstances to another
6	above-average or greater-than-normal duration of transition period or zone from one state/form/shape/set of circumstances to another
7	somewhat lengthy duration in transition period or zone from one state/form/shape/set of circumstances to another
8	lengthy duration in transition period or zone from one state/form/shape/set of circumstances to another
9	very gradual/almost imperceptible rate/degree of change/transition from one state/form/shape/set of circumstances to another

-ňf	VTS Variability of Shift/Change/Transition (used for both spatial and temporal contexts)
1	highly variable/chaotic transition from one state/form/shape/set of circumstances to another
2	disjointed/non-contiguous/non-continuous break/shift from one state/form/shape/set of circumstances to another
3	somewhat variable/changing/fluctuating transition period/zone from one state/form/shape/set of circumstances to another
4	below-average or less-than-normal degree of variability/fluctuation in transition from one state/form/shape/set of circumstances to another
5	normal/standard/expected degree of smoothness/gradualness of transition from one state/form/shape/set of circumstances to another
6	above-average or greater-than-normal degree of smoothness/gradualness of transition from one state/form/shape/set of circumstances to another
7	somewhat smooth, gradual transition period/zone from one state/form/shape/set of circumstances to another
8	smooth, gradual transition period/zone from one state/form/shape/set of circumstances to another
9	imperceptibly smooth/gradual transition from one state/form/shape/set of circumstances to another; unnoticeable as to where/how/when transition occurred

Spatial, Positional, and Motion Affixes

Each of the following affixes takes the nine affix degrees shown on Page 21, to create sequential compounds of spatial or motion imagery.

NOTE: The fourteen affixes to the right, M01 through M14, each carry the meaning of Stem 1 of their respective roots, i.e., they do not specify in which “direction” the motion is occurring (e.g., up vs. down, outward vs. inward, retreating vs. approaching, clockwise vs. counterclockwise, etc.). To specify the direction of motion (i.e., Stem 2 vs. Stem 3 meaning) make the following modifications to these affixes:

To specify the Stem 2 meaning of the respective root, add **-w** to the affix form, e.g., **-tr** becomes **-trw**, **-kl** becomes **-klw**.

To specify the Stem 3 meaning of the respective root, add **-y** to the affix form, e.g., **-tr** becomes **-try**, **-kl** becomes **-kly**.

M01*	-tr	path-oriented quasi-linear translative motion
M02*	-pr	vertical quasi-linear translative motion
M03*	-kr	oblique vertical quasi-linear translative motion
M04*	-dr	horizontal planar translative motion
M05*	-fr	parallel translative motion
M06*	-br	perpendicular-planar translative motion
M07*	-gr	oblique lateral translative motion
M08*	-gl	horizontal-planar range of motion
M09*	-dl	vertical-planar range of motion
M10*	-kl	perpendicular-planar range of motion
M11*	-pl	motion on parabolic/arc trajectory rel. to gravity
M12*	-bl	motion in a curve
M13*	-fl	motion in a planar circular path
M14*	-tl	generic/oblique 3-D range of motion

P01*	-t	generic spatial position
P02*	-d	position at 0 / 0 / 0 -- “right here”
P03*	-ty	position at 0 / 0 / +Z -- “above”
P04*	-tw	position at 0 / 0 / -Z -- “below”
P05*	-p	position at 0 / +Y / 0 -- “in front”
P06*	-k	position at 0 / -Y / 0 -- “behind”
P07*	-f	position at -X / 0 / 0 -- “to the right”
P08*	-v	position at -X / 0 / 0 -- “to the left”
P09*	-py	position at 0 / +Y / +Z -- “in front & above”
P10*	-pw	position at 0 / +Y / -Z -- “in front & below”
P11*	-ky	position at 0 / -Y / +Z -- “behind & above”
P12*	-kw	position at 0 / -Y / -Z -- “behind & below”
P13*	-fp	position at +X / +Y / 0 -- “to the right & in front”
P14*	-fk	position at +X / -Y / 0 -- “to the right & behind”

P15*	-fy	pos. at +X / 0 / +Z -- “to the right & above”
P16*	-fw	pos. at +X / 0 / -Z -- “to the right & below”
P17*	-vb	pos. at -X / +Y / 0 -- “to the left & in front”
P18*	-vg	pos. at -X / -Y / 0 -- “to the left & behind”
P19*	-vy	pos. at -X / 0 / +Z -- “to the left & above”
P20*	-vw	pos. at -X / 0 / -Z -- “to the left & below”
P21*	-fpy	pos. at +X / +Y / +Z -- “to the right, in front & above”
P22*	-fpw	pos. at +X / +Y / -Z -- “to the right, in front & below”
P23*	-fky	pos. at +X / -Y / +Z -- “to the right, behind & above”
P24*	-fkw	pos. at +X / -Y / -Z -- “to the right, behind & below”
P25*	-vby	pos. at -X / +Y / +Z -- “to the left, in front & above”
P26*	-vbw	pos. at -X / +Y / -Z -- “to the left, in front & below”
P27*	-vgy	pos. at -X / -Y / +Z -- “to the left, behind & above”
P28*	-vgw	pos. at -X / -Y / -Z -- “to the left, behind & below”

S01*	-pk	position between/amidst/among [in a quasi-planar context]
S02*	-dk	position between/among [in a linear unidimensional context]
S03*	-tk	indefinite position amidst/among [in a 3-D volume]
S04*	-dd	position/state intertwined/intermingled/intermixed in 2-D planar context [individual components separable/extractable]
S05*	-db	position/state intertwined/intermingled/intermixed in 3-D volume [individual components separable/extractable]
S06*	-dv	position/state intertwined/intermingled/intermixed in 2-D planar context [components inseparable/permanently combined]
S07*	-dg	position/state intertwined/intermingled/intermixed in 3-D volume [individual components inseparable/permanently combined]
S08*	-tf	positionally-defined componential part
S17*	-kf	rear/back part of an entity [relative to its directional orientation or primary external interface]
S18*	-dy	top/peak/summit of an entity [relative to its typical orientation under gravity]
S19*	-dw	bottom/foundation of an entity [relative to its typical orientation under gravity]
S20*	-dy	upper part/"half" of an entity [relative to its typical orientation under gravity]
S21*	-dw	lower part/"half" of an entity [relative to its typical orientation under gravity]
S22*	-xw	interior/internal volume/"inside(s)"/"innards" of an entity

S09*	-cl	linear uni-dimensional middle, center [as seen parallel to long axis of entity (or height-axis of a "tall" entity)]
S10*	-cr	linear uni-dimensional middle, center [as seen perpendicular to long axis of entity (or height-axis of a "tall" entity)]
S11*	-zl	planar 2-dimensional middle, center [running vertically and laterally parallel to long (or tall) side of entity]
S12*	-zr	planar 2-dimensional middle, center [running vertically parallel but laterally perpendicular to long (or tall) side of entity]
S13*	-zw	planar 2-dimensional middle, center [running vertically and laterally perpendicular to long (or tall) side of entity]
S14*	-cw	center point of an entity, i.e., the zero-dimensional point most equidistant from all points on the periphery or surface of an entity
S15*	-fd	side/flank of an entity
S16*	-pf	front part of an entity [relative to its directional orientation or primary external interface]
S23*	-xl	interior surface or "wall" / internal surface or "wall" / the inside surface or "wall" of an entity
S24*	-xr	exterior/external surface/"outside"/"skin" of an entity
S25*	-xq	external point-like outward-facing vertex/"corner" of an entity
S26*	-xt	external quasi-linear edge of an entity
S27*	-xk	external quasi-linear joining of surfaces/"seam" of an entity
S28*	-xf	external attachment point or fastening mechanism of an entity, i.e., handle, hook, latch, velcro patch, knob, peg, etc.

The pattern of degrees for the above spatial-positional-motion affixes is shown below:

1	Motion through X. Specifically, interior perlativ motion/movement in a manner described by the suffix's corresponding root among/within an external/surrounding/underlying (quasi-)static medium. For translative motion suffixes, implies motion along a course described by the suffix's corresponding root where the course is set, determined, or prescribed by an externally surrounding/underlying medium/channel, etc.
2	Motion like X, inside something. Specifically, interior motion/movement: in-situ or translative movement/motion in a manner described by the suffix's corresponding root while inside another entity (where, unlike Degree 1, the exterior object/entity does not define/prescribe/determine the course of the moving object/entity).
3	Motion into X. Implies entry from an exterior space/medium/context into an interior space/medium/context
4	Motion like X; for translative motion suffixes, motion along X. Implies continued/continuous movement in a manner described by the suffix's corresponding root; for translative motion suffixes, implies continued/continuous motion along a course/direction described by the suffix's corresponding root
5	Motion like X from one point (across) to another. Implies a single motion in a manner described by the suffix's corresponding root from one point/side of the contextual space to another; for translative motion suffixes, implies a single motion along a course/direction described by the suffix's corresponding root across a gap/gulf/space from one place to another.
6	Translative Motion = move onward; Positional: X/Y/Z position of X. For translative motion affixes, signifies motivational "on" as in "come on", "go on", "move on" - implies/reinforces need/impetus to begin/keep moving in the manner or direction described by the suffix's corresponding root without stopping. For static positional affixes, operates merely as a locative to specify an entity's X/Y/Z position.
7	Motion out of X. Implies exit from an interior space/medium/context out to an exterior space/medium/context
8	Motion like X, on the outside of something. exterior motion/movement: in-situ or translative movement/motion in a manner described by the suffix's corresponding root while outside another object/entity (where, unlike Degree 9, the other object/entity does not define/prescribe/determine the course of the moving object/entity)
9	Motion alongside X. Specifically, exterior perlativ motion/movement outside of, over, next to, alongside, "above"/"under" an adjacent (quasi-)static surface/medium; for translative motion suffixes, implies motion on a course described by the suffix's corresponding root along, over, parallel to, around, "above"/"under", or tracking/following an adjacent (quasi-)static surface/medium

-çp	BDM* IN SITU BODILY MOVEMENTS (augment with Type 3 ITN, RPN and/or Modulative suffixes if necessary)
1	with arm/hand or non-ambulatory appendage waving/bending
2	with arm/hand or non-ambulatory appendage making jerking, stop & start, choppy movements
3	with arm/hand or non-ambulatory appendage making (seemingly) random/spasmodic/out-of-control movements
4	with main body of object/entity twisting or bending
5	with main body of object/entity making jerking, stop & start, choppy movements
6	with main body of object/entity making (seemingly) random/spasmodic/out-of-control movements
7	with leg or ambulatory appendage waving/bending
8	with leg or ambulatory appendage making jerking, stop & start, choppy movements
9	with leg or ambulatory appendage making (seemingly) random/spasmodic/out-of-control movements

-çg	ZZG Secondary Zigzag Motion (augment with Type 3 ITN, RPN and/or Modulative suffixes if necessary)
1	short-period 2-D zigzag motion on parallel-vertical plane relative to the direction of travel
2	varying-period 2-D zigzag motion on parallel-vertical plane relative to the direction of travel
3	long-period 2-D/planar zigzag motion on parallel-vertical plane relative to the direction of travel
4	short-period 2-D zigzag motion on oblique plane relative to the direction of travel
5	varying-period 2-D zigzag motion on oblique plane relative to the direction of travel
6	long-period 2-D/planar zigzag motion on oblique plane relative to the direction of travel
7	short-period 2-D zigzag motion on parallel-horizontal plane relative to the direction of travel
8	varying-period 2-D zigzag motion on parallel-horizontal plane relative to the direction of travel
9	long-period 2-D/planar zigzag motion on parallel-horizontal plane relative to the direction of travel

-çd	SNW Secondary Sine Wave-like Motion (augment with Type 3 ITN, RPN and/or Modulative suffixes if necessary)
1	short-period 2-D sine wave-like motion/undulation on parallel-vertical plane relative to the direction of travel
2	varying-period 2-D sine wave-like motion on parallel-vertical plane relative to the direction of travel
3	long-period 2-D/planar sine wave-like motion on parallel-vertical plane relative to the direction of travel
4	short-period 2-D sine wave-like motion on oblique plane relative to the direction of travel
5	varying-period 2-D sine wave-like motion on oblique plane relative to the direction of travel
6	long-period 2-D sine wave-like motion on oblique plane relative to the direction of travel
7	short-period 2-D sine wave-like motion on parallel-horizontal plane relative to the direction of travel
8	varying-period 2-D sine wave-like motion on parallel-horizontal plane relative to the direction of travel
9	long-period 2-D/planar sine wave-like motion on parallel-horizontal plane relative to the direction of travel

-cv	SPR Spin/Rotation of an Object (augment with Type 3 ITN, RPN and/or Modulative suffixes if necessary)
1	short-period (i.e., fast) spinning motion on parallel-vertical plane relative to the direction of travel (i.e., forward-rolling or pitch-like tumbling motion)
2	varying-period (i.e., variable-speed) spinning motion on parallel-vertical plane relative to the direction of travel (i.e., forward-rolling or pitch-like tumbling motion)
3	long-period (i.e., slow) spinning/revolving motion on parallel-vertical plane relative to the direction of travel (i.e., forward-rolling or pitch-like tumbling motion)
4	short-period (i.e., fast) spinning motion on perpendicular plane relative to the direction of travel (i.e., spiral vector in direction of travel)
5	varying-period (i.e., variable-speed) spinning motion on perpendicular plane relative to the direction of travel (i.e., spiral vector in direction of travel)
6	long-period (i.e., slow) spinning/revolving motion on perpendicular plane relative to the direction of travel (i.e., spiral vector in direction of travel)
7	short-period (i.e., fast) spinning motion on parallel-horizontal plane relative to the direction of travel (i.e., horizontally revolving/rotating)
8	varying-period (i.e., variable-speed) spinning motion on parallel-horizontal plane relative to the direction of travel (i.e., horizontally revolving/rotating)
9	long-period (i.e., slow) spinning/revolving motion on parallel-horizontal plane relative to the direction of travel (i.e., horizontally revolving/rotating)

-ct	CRC Circular Motion/Path of an Object (augment with Type 3 ITN, RPN and/or Modulative suffixes if necessary)
1	while traveling in (a) short-period (i.e., fast/small) circle(s) on a plane vertically parallel to the direction of travel (i.e., where X rolls or tumbles along, e.g., a ball or tumbleweed)
2	while traveling in (a) mid-period (i.e., medium-sized/paced) circle(s) on a plane vertically parallel to the direction of travel (i.e., where X rolls along, e.g., a ball or tumbleweed)
3	...while traveling in (a) long-period (i.e., slow/large) circle(s) on a plane vertically parallel to the direction of travel (i.e., where X rolls or tumbles along, e.g., a ball or tumbleweed)
4	while traveling in (a) short-period (i.e., fast/small) circle(s) on a plane perpendicular to the direction of travel (i.e., resulting in a corkscrew-like path)
5	while traveling in (a) mid-period (i.e., medium-sized/paced) circle(s) on a plane perpendicular to the direction of travel (i.e., resulting in a corkscrew-like path)
6	while traveling in (a) long-period (i.e., slow/large) circle(s) on a plane perpendicular to the direction of travel (i.e., resulting in a corkscrew-like path)
7	while traveling in (a) short-period (i.e., fast/small) circle(s) on a plane horizontally parallel to the direction of travel (i.e., resulting in a path of moving epicycles / "curlycues")
8	...while traveling in (a) mid-period (i.e., medium-sized/paced) circle(s) on a plane horizontally parallel to the direction of travel (i.e., a path of moving epicycles / "curlycues")
9	...while traveling in (a) long-period (i.e., slow/large) circle(s) on a plane horizontally parallel to the direction of travel (i.e., resulting in a path of moving epicycles / "curlycues")

-gž	SDM Miscellaneous In-Situ Motions of an Object (augment with Type 3 ITN, RPN and/or Modulative suffixes if necessary)
1	...while extending (an) appendage(s) or protrusion(s) outward
2	...while making/undergoing sudden paroxysmic, spasmodic jumping/leaping/spiking/lurching movement(s) --> while shaking
3	...while contracting (an) appendage(s) or protrusion(s) inward
4	...while expanding in overall-size (keeping all dimensions approximately proportionate to each other)
5	...while changing/re-arranging one's bodily shape/formation/outline/configuration
6	...while shrinking/contracting in overall-size (keeping all dimensions approximately proportionate to each other)
7	...while expanding along primary (or longest) axis
8	...while fluctuating in size along primary (or longest) axis
9	...while shrinking/contracting along primary (or longest) axis

-fb	SPM Simultaneous Thrusting/Pushing Motion
1	with accompanying/simultaneous upward thrust/lurch/push
2	" " " obliquely-angled upward thrust/lurch/push
3	" " " forward thrust/lurch/push
4	" " " obliquely-angled lateral/outward thrust/lurch/push
5	" " " sideways thrust/lurch/push
6	" " " obliquely-angled lateral/backward thrust/lurch/push
7	" " " backward thrust/lurch/push
8	" " " obliquely-angled downward thrust/lurch/push
9	" " " downward thrust/lurch/push

-tb	SWM Simultaneous Withdrawal/Pulling Motion
1	with accompanying/simultaneous pulling/withdrawal downward from above
2	" " " obliquely-angled pulling/withdrawal toward oneself from above
3	" " " pulling/withdrawal toward oneself from straight-ahead
4	" " " pulling/withdrawal toward oneself from an obliquely-angled sideways direction
5	" " " sideways pulling/withdrawal toward oneself
6	" " " pulling/withdrawal toward oneself from an obliquely-angled lateral/backward direction
7	" " " pulling/withdrawal toward oneself from behind
8	" " " pulling/withdrawal upward from an obliquely-angled downward direction
9	" " " pulling/withdrawal upward from below

-çf	SSM Simultaneous Shaking Motion
1	with accompanying/simultaneous back-and-forth (inward-outward) shaking motion
2	“ “ “ side-to-side (leftward-rightward) shaking motion
3	“ “ “ up-and-down motion
4	with accompanying/simultaneous back-and-forth (inward-outward) swinging (i.e., pendulum-like) motion
5	“ “ “ side-to-side (leftward-rightward) swinging (i.e., pendulum-like) motion
6	“ “ “ up-and-down “bobbing” motion
7	with accompanying/simultaneous back-and-forth (inward-outward) overhead arc-like (i.e., parabolic) motion
8	“ “ “ side-to-side (leftward-rightward) overhead arc-like (i.e., parabolic) motion
9	“ “ “ up-and-down arc-like motion

-çb	SPN Simultaneous Spinning Motion
1	with accompanying/simultaneous spinning/rotating/“rolling” motion along equatorial (i.e., X-planar) axis [rotational direction: away from observer, as if “rolling away” from observer]
2	with accompanying/simultaneous spinning /rotating/“twirling” motion along vertical (i.e., Y-planar) axis [rotational direction: “east-to-west”]
3	with accompanying/simultaneous spinning/rotating motion along equatorial (i.e., Z-planar) axis [rotational direction: “clockwise”]
4	with accompanying/simultaneous spinning/rotating/“rolling” motion along equatorial (i.e., X-planar) axis [rotational direction: toward observer, as if “rolling toward” observer]
5	with accompanying/simultaneous spinning /rotating/“twirling” motion along vertical (i.e., Y-planar) axis [rotational direction: “west-to-east”]
6	with accompanying/simultaneous spinning/rotating motion along equatorial (i.e., Z-planar) axis [rotational direction: “counter-/anti-clockwise”]
7	with accompanying/simultaneous bi-directional spinning/rotating/“rolling” motion along equatorial (i.e., X-planar) axis [rotational direction: alternating between toward and away from observer]
8	with accompanying/simultaneous bi-directional spinning /rotating/“twirling” motion along vertical (i.e., Y-planar) axis [rotational direction: alternating between “east-to-west” and “west-to-east”]
9	with accompanying/simultaneous bi-directional spinning/rotating motion along equatorial (i.e., Z-planar) axis [rotational direction: alternating between “clockwise” and “counter-/anti-clockwise”]

-pç	IPE Internal Positional Orientation of a (Quasi-)Long Object Having an Orientational “End” or “Ends”
1	with (an) orientational “end” of X facing toward the observer
2	with (an) orientational “end” of X pointing perpendicularly upward/upright/vertically upward relative to the observer
3	with X’s orientational “end(s)” at an oblique angle to, but equidistant from (i.e., neither facing toward or away from) the observer
4	with X’s orientational “end(s)” changing position relative the observer
5	with the observer being unable to discern/determine the position of X’s orientational “end(s)” relative to the observer
6	with X’s orientational “end(s)” pointing horizontally sideways relative to the observer (i.e., “lying flat with ends pointing left and right”)
7	with X’s orientational “ends” at an oblique angle to the observer with one end closer to observer than the other
8	with X’s orientational “end” pointing perpendicularly downward/upside-down/vertically downward relative to the observer
9	with X’s (an) orientational “end” facing away from the observer

-tç	IPF Internal Positional Orientation of an Object Having an Orientational “Face” or “Front”
1	with X’s orientational “face” or “front” facing directly toward the observer (i.e., at an angle perpendicular to observer’s line of sight)
2	with X’s orientational “face” or “front” pointing perpendicularly upward/upright/vertically upward relative to the observer
3	with X’s orientational “face” or “front” at an oblique angle oriented toward the observer
4	with X’s orientational “face” or “front” changing position relative the observer
5	with the observer being unable to discern/determine the position of X’s orientational “face” or “front” relative to the observer
6	with X’s orientational “face” or “front” pointing horizontally sideways relative to the observer
7	with X’s orientational “face” or “front” at an oblique angle oriented away from the observer
8	with X’s orientational “face” or “front” pointing perpendicularly downward/upside-down/vertically downward relative to the observer
9	with X’s orientational “face” or “front” facing completely away from the observer (i.e., at an angle perpendicular to observer’s line of sight)

-kç	PFL Internal Positional Orientation of a (Quasi-)Flat Object
1	with X’s “front/top” side visible to the observer but largely pointed away at a severe angle
2	with X’s orientation being “edge-on” and vertical relative to the observer
3	with X’s “front/top” side visible to the observer but pointed away at an oblique angle
4	with X’s “front/top” side directly facing the observer
5	with X’s orientation being “edge-on” and at an oblique angle relative to the observer
6	with X’s “back/bottom” side directly facing the observer
7	with X’s “back/bottom” side visible to the observer but somewhat pointed away at an oblique angle
8	with X’s orientation being “edge-on” and horizontal relative to the observer
9	with X’s “back/bottom” side visible to the observer but largely pointed away at a severe angle

-řz	SVS Spatial/Areal/Volumetric Scale
1	on an atomic/quantum-sized scale in terms of size or areal/volumetric impact
2	on a very small scale in terms of size or areal/volumetric impact (where the area/volume impacted is from molecular/microscopic to a size where it is still too small to easily manipulate without use of specialized implements (e.g., tweezers, magnifying glass, microscope, etc.))
3	on a small scale in terms of size or areal/volumetric impact (where the area/volume impacted is within range of manual manipulation by one’s hands/arms/appendages or hand-held implements)
4	on a somewhat large scale beyond one’s ability to manipulate manually -- requiring mechanical or other assistance in order to manipulate
5	on a large scale, requiring specialized heavy machinery or industrial-level technology to manipulate
6	on an enormous scale, requiring massive planning, coordination of resources, and interdependent utilization of various infrastructure to carry out
7	on a quasi-global scale
8	on an interplanetary to interstellar scale
9	on a quasi-universal scale

-çc	WAK* Spread/wake/trail/area/expanse created by passage of entity
1	quasi-linear “trail” or wake left behind on path of linear movement; trail or wake is not composed of the moving entity itself but shows effect of its passage (e.g., slime trail left by snail, footprints left on snow, mowed down foliage left by moving convoy, etc.)
2	quasi-linear spread of entity stretching behind linearly moving “head” (e.g., a line of soldiers put in place to create a front, a line left on a piece of paper as written by an ink pen, path of a ball of string or skein of yarn as it unravels while rolling down an incline)
3	quasi-linear trail/wake/spread left behind passage as line of demarcation/boundary/barrier
4	2-D quasi-planar wake left behind on path of movement; wake is not composed of the moving entity itself but shows effect of its passage (e.g., aftermath of a forest fire, cleaned area of dirty floor or wall after it has been wiped by a mop or dustcloth)
5	2-D quasi-planar spread stretching behind moving front (e.g., area of spreading flames in a forest fire, area being inundated by a flood, area of a wall being covered up by plaster by workmen, coating of an apple dipped in chocolate, area of floor covered up by a rug)
6	2-D quasi-planar trail/wake/spread left behind passage as area of demarcation/zone/restricted area
7	3-D volume left behind a moving front; volume is not composed of or inundated with the moving entity itself but shows effect of its passage (e.g., area left behind the passage of a tidal wave, column of superheated air left behind the passage of a rocket)
8	3-D volume inundated by spread of moving front (e.g., spread of a gas within a room, area inundated by fog, volume of a container taken up by substance placed/poured/stuffed into it)
9	3-D volume left behind passage of moving front as volume/spatial area of demarcation/zone

Quantifying Affixes

-řk	DGR Exactness of Degree
1	unknowable degree or amount of
2	almost impossible to determine degree of
3	unknown degree or amount of
4	nowhere near the desired degree of
5	difficult to pinpoint/determine the degree or amount of
6	fluctuating, ever-changing (amount of); to changing/fluctuating degree or extent of
7	vaguely around / vaguely in the range of / somewhere around / loosely in the vicinity of
8	approximate(ly) / somewhere around / just about; or something like that / ...or so
9	exact/specific; exactly / specifically / on the dot / sharp / to the letter

-rf	PTW* Contiguous Portion of the Whole
1	no amount of / none (of)
2	a very few / a tiny amount of / a tiny number of; only a tiny bit / a tiny bit
3	few / a little / a bit; a little / a bit
4	some, any [= some of] / some of or any of the / a portion; partially / to some extent
5	a fair number of / a fair amount of / pretty... / fairly... / rather / somewhat; more or less / to a fair extent
6	much / many / (such) a lot of / very / quite (a); quite; a lot / very much / to a large extent
7	a whole lot of / a very large amount or number of / immensely, in an incredible amount / so much...; so
8	most of / mostly
9	every / all (of)/whole; entirely/in its entirety

-řt	PTT Non-Contiguous (i.e., Intermixed) Portion of the Whole
1	no amount of / none (of)
2	a very few / a tiny amount of / a tiny number of; only a tiny bit / a tiny bit
3	few/a little / a bit; a little / a bit
4	some, any [= some of] / some of or any of the / a portion; partially / to some extent
5	a fair number of / a fair amount of / pretty (+adj.) / fairly (+adj.) / rather / somewhat; more or less / to a fair extent
6	much / many / (such) a lot of / very / quite (a); quite /; a lot / very much / to a large extent
7	a whole lot of / a very large amount or number of / immensely, in an incredible amount / so much...; so
8	most of / mostly
9	every / all (of) / whole; entirely / in its entirety

-g	EXN* Degree or Extent
1	not at all / completely lacking in... / none whatsoever / not...whatsoever
2	hardly at all / almost completely lacking in...
3	to a small degree
4	to a somewhat small degree /somewhat
5	to a moderate or average or usual degree/to a fair or normal degree
6	to a somewhat large degree/fairly much/more so than not
7	to a large degree
8	very much so / decidedly so / to a very large degree
9	to the exclusion of all else / without consideration for anything else

-ft	POR Portion or Section
1	smallest possible portion/section/amount of a larger whole
2	extremely small portion/section/amount of a larger whole
3	small portion/section/amount of a larger whole
4	somewhat small portion/section/amount of a larger whole
5	a portion/section or amount of a larger whole
6	a significantly-sized portion/section/amount of a larger whole
7	half of X in terms of portion/amount or the size of a section
8	a majority-sized portion/section/amount of a whole
9	almost the entire portion/amount of a whole

-řt	INL Degree Of Inclusion
1	not a(ny), not one, no X whatsoever, none of X; in no such manner
2	hardly any, barely any X; in hardly any such manner
3	some few/a few certain ... ; in a few certain ways
4	some (of)/certain . . .; in certain ways
5	several / more than a few / various / in various ways / in several different ways
6	a significant portion of/a fair number of; in a fair number of ways
7	most/in most ways
8	almost every; in almost every way
9	each/every; in each way

-rt	SUF* Degree Of Sufficiency of Amount /Impact
1	none at all; no...at all
2	way too little / woefully insufficient / way too few; not...anywhere enough / totally under-[+verb]
3	not enough / insufficient / too few; not...enough / insufficiently / under-[+verb]
4	not quite enough / slightly insufficient; not...quite enough / a bit insufficiently / slightly under-[+verb]
5	enough (of) / sufficient; enough / sufficiently
6	a little too / a little too much; a little too much / slightly over- [+verb]
7	too / too much; too much / too many / over- [+verb]
8	way too / way too much; way too much / totally over- [+verb]
9	inundated with; to the exclusion of all else / to the point that X overwhelms or takes over

-pt	EXD Dynamically Changing Degree or Extent
1	less and less / fewer and fewer / ongoing decrease in; decreasingly
2	a lot fewer / a lot less (of); a lot less
3	fewer / less (of); less
4	a little less (of) / a bit less (of); a little less / a bit less
5	a fluctuating amount or degree of; to a fluctuating degree or extent
6	a little more (of) / a bit more (of); a little more / a bit more
7	more (of); more
8	a lot more (of); a lot more
9	more and more / continuing increase in / increasingly more / ever-increasing

-ršk	ESO Extent to Which Something Occurs
1	almost / nearly
2	hardly / barely
3	“just” = barely past or beyond some threshold or limit, e.g., <i>Widen the aperture until the cable “just” fits through.</i>
4	mere / only (a); merely / only / simply / nothing more than / ...and nothing more, e.g., ‘It’s just a mouse, dear’, ‘I only/merely touched his arm’, ‘I just wanted to see her, nothing more.’
5	partially so; definitely on its way to being...
6	some sort of / some kind of / sort of (like) / “kind of”; in a way / halfway / does and doesn’t
7	tentative confirmation: it seems likely that... / it looks increasingly certain that...
8	provisional confirmation: it certainly appears that... / it looks to be certain that...
9	confirmative: it is confirmed that... / ...can safely say that...

-cv	NPE Non-Relative Physical Extent
1	the extent/degree of X; the degree to which X is present
2	the availability of X; the extent/degree to which X is available
3	the influence of X; the extent/degree to which X is influential
4	the pervasiveness or prevalence of X; the extent/degree to which X pervades/imbues an area or situation or is prevalent
5	the amount of X; how much X there is, i.e., not on a relative scale [as with EXN, SUF, EXD] but rather a specific amount (e.g., 4 kg., 8 dollars, 2 liters, 5 cats, etc.)
6	the spatial extent/volume/reach/spread of X; the degree/amount to which X physically/tangibly extends, reaches or spreads
7	the (degree of) strength/power of X; X's strength or power
8	the sufficiency of X; the degree/extent to which X suffices or adequately serves
9	the physical size of X; the amount of spatial volume taken up by X

-ld	TVP Trivalent Polarity (gradient values from -1 thru 0 to +1)
1	completely the opposite extreme; polar opposite of; to the utmost opposite/negative extreme; couldn't be worse; totally backfired
2	much worse than if nothing had been done
3	worse than if nothing had been done
4	somewhat worse than none; a bit worse than if nothing had been done
5	absence of ... / no...at all / neither one way or the other
6	to a small degree/extent/amount
7	to a fair degree/extent/amount
8	to a large degree/extent/amount
9	to the utmost positive extreme; to the greatest positive extent/amount/degree possible

-tl	PLT Pletive (i.e., relative amount compared to a standard or a previous or expected amount)
1	total absence of X (where X was never present to begin with)
2	total loss/absence of X (where X was previously present)
3	severe loss of X from previous level -- near absence of X
4	X is a state of depletion -- losing X, X in a state of being depleted
5	X at its usual/normal/expected level/amount/capacity
6	X is a state of repletion -- filling up on X
7	renewed/restored abundance of X after having been [nearly] depleted
8	abundant X / an abundance of X, X at full amount/capacity
9	over-abundance of X, more X than needed or can be used

-zm	RCO	Recoil in place (spring back; snap back; fall back into place)
-žm	TFI	Back & forth; to & fro in place (e.g., pendulum, wagging tail)
-cm	CRI	Cycle or circular motion in place (spin, revolve)
-žm	CRV	Cycle or circular motion over linear vector (e.g., train wheels, bike wheels)
-jm	MDL	Random pattern of modulation (unpredictable/irregular)
1		not enough / too little a degree / too slowly
2		hardly at all / very slowly
3		to a small degree / slowly
4		to a less than normal degree / more slowly than normal
5		to the normal / standard / usual degree / at the usual speed or rate
6		to a greater than normal degree / more rapidly than normal
7		to a large degree / rapidly
8		to a very large degree / very rapidly
9		too much / overly / too rapidly

-sx	ICR	Increase
-bx	DCR	Decrease
-šx	ICD	Increase then Decrease
-dx	DCI	Decrease then Increase
-jx	IDR	Random/Varying Increases and Decreases
1		too slowly / so slowly as to seem unmoving
2		very slowly
3		slowly
4		slower than normal
5		normal/usual/standard speed
6		faster than normal
7		fast/quickly
8		very rapidly
9		too rapidly / so rapidly as to be unable to follow

-mh	FLS*	Degree of Fluctuation/Stability
1		too unstable / too random
2		unstable / highly variable/random fluctuation or instability
3		moderately variable/random fluctuation or instability
4		increasing fluctuation or destabilization in pattern
5		tending toward fluctuations and periods of instability
6		decreasing fluctuation or instability in pattern = increasing stability
7		moderately stable and lacking in fluctuations
8		complete lack of fluctuation or instability; highly stable, steadfast
9		too stable

-rg	MVT*	Degree of Stillness/Movement
1		unmovable – integrated
2		unmovable due to mass
3		not easily moved
4		inclined to stillness
5		holding still
6		moving around slightly, stirring
7		moving around in one place, active
8		moving around, agitated, very active
9		highly agitated, hyperactive, unable to keep still

Qualifying Affixes

-nt	MDN Degree of Age or Modernity
1	primordial / proto-
2	prehistoric
3	ancient
4	old (= first)
5	old (= former; no longer current or in use)
6	modern, contemporary, present-day (= currently in use)
7	innovative, trailblazing
8	cutting edge, experimental, futuristic
9	ultimate, everlasting, omega point

-rč	STY Stylistic thru Time
1	archaic
2	medieval
3	classic(al)
4	old-fashioned; in the old-fashioned way
5	“yesteryear”; in the era just passed; in the previous zeitgeist
6	modern, contemporary (in style)
7	avant-garde
8	futuristic
9	post-

-nf	NTR Degree of Notoriety, Acceptance, Respect, Honor
1	spurned, scorned, vilified, pariah-like / ostracized; in an alienating or self-ostracizing manner
2	infamous; infamously
3	frowned-upon / disapproved ; in a manner guaranteed to arouse disapproval
4	tolerated; in a tolerated manner
5	common / customary / expected / accepted; in an common, customary, expected, or accepted manner
6	notorious(ly) (i.e., well-known but in a less-than favorable manner)
7	well-known / well-liked / well thought of; in a totally appropriate way / in a socially acceptable manner
8	respected / honored; respectfully / honorably
9	highly praised / highly honored / highly esteemed / highly respected / most excellent / most honorable

-lv	DSN Degree of Seniority
1	candidate X; X being under consideration for acceptance/initiation
2	newly established / newly initiated / newly accepted / rookie
3	recently established / recently initiated/ recently accepted / freshman
4	X-in-training, learning-the-ropes / apprentice X /sophomore
5	established X / fully-trained X / journeyman X
6	well-established / senior X
7	long-time X / long-established X; long-standing X, veteran X
8	respected elder X; time-honored X
9	X as emeritus / X as a (quasi-) founding member

-x	SIZ Degree of Size
1	too small
2	miniscule/ tiny/ itty-bitty; in a very small manner; barely/hardly
3	small/little
4	a little on the small size / undersized / petite
5	just the right size; neither too big or too small
6	a little on the large size / oversized / jumbo
7	big/large; in a large manner
8	enormous(ly) / huge(ly) / humungous(ly) / gigantic(ally)
9	too big / too large / too huge; in too large a manner

-fç	DSZ Dynamic Change of Size
1	smallest single manifestation of / particle of
2	runaway shrinkage of / rapid disappearance or diminishment of
3	decreasing / de-escalating / shrinking
4	reduced/diminished; in a regressing or narrow way (e.g., <i>canyon</i> → <i>crevasse/crack</i>)
5	compact/concentrated; in efficient or compact way [e.g., <i>canyon</i> → <i>gorge</i>]
6	expanded/enhanced; in expanded or enhanced way [e.g., <i>canyon</i> → <i>rift valley</i>]
7	growing, increasing, escalating
8	runaway / runaway growth, increase or expansion of
9	synergistic expansion e.g., hit (+ RCP valence) → fight

-çh	AFT* Degree of Affect
1	too cute / schmaltzy / in a maudlin way
2	cute/darling / in a cute or darling manner
3	kitschy / quaint(ly)
4	dear, endearing(ly)
5	lovely / elegant
6	esteemed
7	imperious / royal / most high / most excellent / revered
8	great / grand; in a great / grand / grandiose manner
9	too grand / too imperious

-th	QUA* Degree of Quality, Effectiveness or Adequacy
1	too poor(ly); too badly
2	very bad(ly) / very poor(ly) / very inadequate(ly) / intolerable / intolerably / terrible / terribly
3	bad / poor / inadequate; badly / poorly / inadequately / wanting / lacking
4	not-so-good / could be better; somewhat poor(ly) or bad(ly) / somewhat wanting or lacking / below average; so-so
5	not-so-bad / average; could be worse / fairly well / OK, I guess / adequate(ly) / acceptably
6	good/effective; just right; well/effectively / more than adequate / above-average
7	very good / very effective(ly) / very well
8	excellent(ly) / superb(ly) / outstanding(ly)
9	too good / too well

-ld	DOP Degree of Optimality
1	X (being/done/performing) at its best / X being the best it can be / optimally
2	X (being/done/performing) nearly at its best / X being nearly the best it can be / near-optimally
3	X (being/done/performing) well but could be better / adequately but not optimally / in an adequate or well above-average manner but not as well as it could be
4	X (being/done/performing) at an above-average level / X being above-average / in an above-average manner
5	X (being/done/performing) at a mediocre level / X being mediocre / in as mediocre a manner as can be
6	X (being/done/performing) at an below-average level / X being below-average / in an below-average manner
7	X (being/done/performing) poorly but could be worse / X being poor or bad but not horrible / poorly but not as badly as it could be / well below-average
8	X (being/done/performing) almost at its worst / X being almost the poorest or worst it can be / almost as poorly (done) as can be
9	X (being/done/performing) at its worst / X being the poorest or worst it can be / as poorly (done) as can be

-řp	UNQ* Degree of Specialness or Uniqueness
1	vulgar, trashy, too cheap / in a vulgar or trashy manner
2	cheap, tasteless, gaudy, gauche / in a cheap, gaudy, tasteless manner
3	run of the mill / unexceptional / average / commonplace / ordinary / everyday / routine; in a commonplace/unexceptional/routine manner
4	somewhat ordinary / somewhat common(place)
5	somewhat special / somewhat out of the ordinary / interesting(ly) / intriguing(ly) / eye-catching / appealing(ly) / stands out from the crowd
6	special; especially
7	extraordinary / highly unusual; extraordinarily
8	(one and) only/unique; in the only way / uniquely / unparalleled
9	marvelous / wonderful / wondrous / awesome / awe-inspiring

-řv	CNQ* Degree of Consequentiality, Finality or Irrevocability
1	inconsequential/sham/having no effect; like it didn't even happen/with no effect
2	relatively inconsequential / having little effect / easily reversible or undone / to little effect / minor / to minor degree
3	somewhat inconsequential/having some effect/reparable/reversible/to some effect/somewhat minor
4	not so minor / somewhat significant degree / reversible with effort / having a somewhat significant impact or effect
5	consequential / having a fair effect / reversible only with concerted effort / to good effect
6	overall / significant degree of; all in all / for the most part / on the whole
7	virtually total/near total; nearly for good/almost completely
8	utter/complete/total; altogether/completely/for good/utterly/irrevocably/for all intents and purposes
9	for all time / forever / finally

-kv	APR Degree of Contextual Appropriateness
1	contemptible(-ly) / utterly inappropriate(ly)
2	scandalous(ly) / trashy(-ly) / inappropriate(ly)
3	ill-mannered / boorish(ly) / improper(ly) / tasteless(ly)
4	eyebrow-raising / questionable(-ly); somewhat improper(ly) / unorthodox(ically)
5	more-or-less acceptable; merely adequate
6	perfectly acceptable(-ly) / perfectly adequate(ly)
7	appropriate(ly) / proper(ly) / correct(ly) / respectable / tasteful
8	utterly appropriate(ly), very proper(ly); strictly correct(ly)
9	stuffy / orthodox / old-fashioned; utterly predictable(ly)

-rř	HRC Position on Social, Occupational, or (Para-) Military Hierarchy
1	bottom rung / the “dregs”
2	rank & file
3	lower echelon
4	lower-mid
5	mid-level
6	upper mid
7	upper echelon
8	senior
9	head / chief / top / executive

-kš	BEH Degree of Subjective Effect or Behavioral Appropriateness
1	grotesque, gross, nauseating, sickening
2	repugnant, revolting, repulsive
3	despicable, deplorable, detestable
4	lurid, spectacle-inducing
5	offensive, ill-mannered, in poor taste
6	lewd, brazen, shameless
7	edgy, avant-garde
8	controversial, socially divisive, “uncomfortable”
9	shocking

-zf	SCA Degree of Social Appropriateness
1	well-mannered, polite, proper
2	classy, dignified, in good taste
3	aristocratic, displaying nobility and breeding
4	stuffy, priggish
5	overbearing, blustering
6	domineering, bullying, intimidating
7	startling, unexpected
8	flashy, glitzy
9	spectacular, showy, larger-than-life, awe-inspiring

-mf	ITL Degree of Intelligence Manifested
1	dumb / stupid / asinine; idiotic(ally) / moronic(ally)
2	foolhardy / foolish(ly)
3	ill-conceived(ly) / (in a) poorly thought out (way)
4	naïve(ly) / simplistic(ally)
5	well-intentioned but ill-conceived / reckless(ly); risky
6	well-reasoned / intelligent(ly)
7	innovative(ly) / daring [based on analysis and judgement]
8	ingenious / brilliant
9	wise(ly); [Type-2 = 'philosophical(ly)]

-rz	PRB Degree of Probability or Likelihood
1	impossible / hopeless / lost cause
2	almost no chance of / virtually impossible
3	highly unlikely
4	unlikely / improbable(ly)
5	possible; possibly
6	probable; probably
7	highly probable / vert likely
8	almost surely / certain to be a... / certain to
9	forgone conclusion that / in the can / done deal

-šm	FRM Degree of Formality
1	too casual / overly casual
2	very casual
3	casual
4	somewhat casual
5	neither too casual nor too formal; just the right degree of formality
6	somewhat formal
7	formal
8	very formal
9	too formal / overly formal

-řg	TYP* Degree of Typicalness
1	unique / never-before-seen / one of a kind / shocking
2	original / avante-garde; surprising(ly) / innovative(ly)
3	atypical(ly) / unusual(ly)
4	somewhat atypical(ly) or unusual(ly)
5	garden variety / run-of-the-mill / typical(ly)
6	expected / common; in a commonplace manner
7	disappointingly typical; very typically
8	unoriginal / mundane; in an uninspired way
9	stereotyped / stereotypical(ly)

-řn	PTY Degree of Prototypicality
1	very dissimilar to prototype, very atypical member, closer to members of different set
2	dissimilar to prototype, atypical member
3	having noticeable dissimilarities from prototype
4	somewhat dissimilar to prototype
5	having unknown degree of closeness or similarity to prototype
6	adequately similar to prototype
7	as close to prototype as is typically found
8	as close to prototype as possible
9	prototype/archetype/model

-nk	ENT Degree of Enthusiasm
1	under duress or coercion
2	against one's will or desire
3	only to appease another party
4	reluctantly
5	with indifference; with no great enthusiasm
6	somewhat willingly; with mild reluctance
7	willing(ly)
8	with a fair degree of enthusiasm; with some enthusiasm
9	with great enthusiasm; enthusiastically; with gusto

-gv	DSI* Degree of Desire
1	expurgated, expunged
2	shunned, avoided
3	utterly unwanted, totally undesired/undesirable
4	unwanted, undesired/undesirable
5	tolerated, tolerable
6	wanted, desired/desirable
7	highly desired/desirable
8	envied
9	coveted, jealous of

-lf	LCK* Degree of Luck/Fortune
1	as a result of the worst luck imaginable / as the cruelest fate would have it . . .
2	by a stroke of ill-fortune / as ill-fate would have it . . .
3	unluckily / unfortunately
4	with/by a certain degree of ill-fortune or bad luck
5	neither with or without luck / neither fortunately or unfortunately
6	with/by a fair bit of luck or good fortune
7	luckily / fortunately
8	with/by a great deal of luck / by a stroke of good fortune
9	by a stroke of incredible luck / by a one-in-a-million shot of good luck

-b	DEV Degree of Development
1	reversal or undoing of process = 'un-' / 'de-' / 'dis-'
2	reversal/undoing of process in large chunks = 'un-' / 'de-' / 'dis-'
3	reversal little by little / a little at a time = entropic change in / slowly falling apart / unravelling
4	moribund / stagnant; in a moribund or stagnant manner
5	well-maintained / well-kept / "healthy"; keep X going / maintain X-ing
6	one by one / one at a time / one after another
7	little by little / a little at a time / bit by bit / a piece at a time
8	by leaps and bounds / in large amounts at a time
9	complete achievement now irreversible / set in stone

-rd	REA* Degree of Genuineness or Veracity
1	imaginary / unreal / made-up ; imagine X-ing, not really X-ing [contrary to suggestion otherwise]
2	imaginary / unreal / made-up / fictional; imagine X-ing, not really X-ing
3	fake / pretend / mock; pretend to, fake X-ing
4	substitute / replacement / proxy / fill-in / placeholder; as a substitute or proxy for
5	ersatz / facsimile; as an equivalent to
6	suspicious-looking / "fishy" seeming; presumably / allegedly / gives the appearance of having
7	apparent / seeming / looks like a; apparently / appears to have / seems to have
8	real / actual / true / genuine; truly, genuinely, really, actually, indeed
9	real / actual / true / genuine; truly, genuinely, really, actually, indeed [affirmation contrary to suggestion otherwise]

-šv	DRE Degree of Recreation
1	for utterly hedonistic purposes despite awareness of the negative consequences
2	for hedonistic purposes without concern for others or for potential negative consequences
3	for recreational purposes / for fun without negative consequences or negative impact on others
4	for recreational purposes / for fun while allowing/encouraging others to join in the fun
5	for recreational purposes / for fun for one and all without negative consequences
6	out of a sense of social or personal obligation but willingly and with pleasure/fun as a result
7	out of a sense of social or personal obligation with the possibility of pleasure/fun as a result
8	out of a sense of social or personal obligation with no possibility of pleasure/fun
9	out of a sense of social or personal obligation despite negative consequences

-cč	IMX Type of Imaginary Existence
1	mythological
2	religion-based / scripture-based
3	legendary (i.e., based on a legend)
4	fantastic (i.e., based in fantasy)
5	fictional (i.e., based on a work of fiction)
6	dreamed (i.e., conjured from or in a dream)
7	made-up, pretend, imagined
8	theoretical / theoretically-speaking
9	hypothetical / hypothetically-speaking

-vd	DSA Degree of Societal Agreement/Consensus
1	indisputable / taken for granted by all
2	(it) being common sense (that...)
3	widely believed / assumed (that...)
4	there being a fair amount of agreement/consensus (that...)/about X
5	whether or not there is societal agreement/consensus is irrelevant or moot or inapplicable
6	there being little societal agreement/consensus (that...)/about X
7	there being no societal agreement/consensus (that...)/about X
8	controversial; there being significant disagreement and/or lack of consensus regarding X
9	irresolvable, irreconcilable; impossible to find any agreement/consensus regarding X due to all parties having different views

-rft	CNT Degree of Centrality
1	beyond the confines of, outside of, beyond the edge/limits of
2	circumscribing; located or occurring throughout much of or at various places along the periphery or edge
3	peripheral; located or occurring on, around, or near the edge
4	peripheral and extending into the interior; located or occurring peripherally and extending into the interior
5	throughout; located or occurring throughout the interior
6	here and there throughout; located or occurring at various spots/locations within the interior
7	in the midst of; located or occurring fully within the interior
8	generally central; located or occurring around and at the center
9	perfectly central; located or occurring at the very center

-vç	DPY Degree of Principality (of an entity within a group or system)
1	tertiary and inessential
2	tertiary (peripheral)
3	tertiary, but still essential
4	secondary and replaceable/inessential
5	secondary (ancillary)
6	secondary, but essential
7	primary, but replaceable
8	primary / main / principal / chief
9	primary and irreplaceable / indispensable

-xv	DCP * Degree of Concentration vs. Dissipation
1	highly concentrated; unable to get more concentrated
2	very concentrated; very condensed; very agglomerated
3	concentrated/agglomerated/condensed
4	somewhat concentrated; in close proximity to one another
5	at just the right/usual/standard/normal/expected concentration; neither too concentrated nor too scarce/dissipated
6	somewhat dissipated; somewhat scattered; somewhat far apart from one another
7	dissipated; scattered; not in close contact/proximity with one another
8	dissipated/scattered to the point of non-coherence/non-communication/non-viability
9	widely dissipated; widely scattered; in concentrations so low as to be undetectable

-md	PRT Degree of Portability
1	not portable – solidly integrated into substrate
2	not portable (e.g., due to excessive mass, shape/form, texture, toxicity, temperature, etc.)
3	not easily portable; barely portable
4	potentially portable but traditionally occupying its current location or there is no reason for moving it
5	potentially portable and location can be moved if needed
6	actively portable and location is changed as needed
7	actively portable and location is changed so often that there is a potential problem of knowing where to find it
8	frequently changing location; difficult to pin down, locate, hold or capture
9	constantly changing location; impossible to pin down, locate, hold or capture

-mk	FGN Degree of Foreignness
1	indigenous / autochthonous / endemic / native
2	not originally indigenous or autochthonous or native but of long-standing presence and the first to fill a particular niche, there being no pre-existing inhabitants/species/exemplars for that niche
3	not indigenous or autochthonous or native and only recently arrived, but the first to fill a particular niche, there being no pre-existing inhabitants/species/exemplars for that niche
4	not indigenous or autochthonous but able to peaceably/productively co-exist with or adapt to the indigenous/native inhabitants/lifeforms; “gone native”
5	foreign-born, of foreign origin; permanently present but not indigenous, not autochthonous, not endemic, not native
6	foreign, temporarily present from a foreign land/environment/place
7	alien
8	incompatibly/harmfully alien, invasive
9	originally alien but now having conquered/vanquished/eliminated/assimilated the original indigenous/autochthonous inhabitants/lifeforms

Adverbial Affixes

-lm	STR* Degree of Physical Strength Possible or Used
1	too weakly / with insufficient strength or power
2	barely / hardly / weak(ly) / with barely enough strength or power
3	somewhat weak(ly) / somewhat under-powered
4	measured(ly) / soft(ly) / guarded(ly) / with curtailed strength or power / just the needed strength or power
5	adequately strong; with adequate strength / with sufficient power; with just the right amount of strength or power
6	strong(ly) / powerful(ly)
7	very strong(ly) / very powerful(ly)
8	with as much strength or power as able / with max. strength possible
9	too strongly / too powerfully

-sm	FRC* Degree of Physical Force Exerted
1	too light(ly) / too soft(ly) / too delicate(ly)
2	light as a feather/ baby soft; extremely delicately or lightly or softly
3	light/soft/hardly a; softly / lightly / delicately / gingerly
4	somewhat on the light or soft side; somewhat softly / lightly / delicately / gingerly
5	neither soft(ly) nor forceful(ly); with just the right touch
6	somewhat violent(ly) / somewhat forceful(ly)
7	violent/forceful / rough; violently / with force / roughly
8	very violent(ly) / very forceful(ly) / very rough(ly)
9	too violent(ly) / too forceful(ly) / too rough(ly)

-fm	VEL* Degree of Velocity (= Ratio of Distance to Time)
1	too slow(ly)
2	very slow(ly)
3	slow(ly)
4	somewhat slow(ly)
5	at just the right velocity
6	somewhat fast / somewhat quick(ly) / somewhat rapid(ly)
7	fast / quick(ly) / rapid(ly); at fast pace
8	very fast / very quick(ly) / very rapid(ly); at fast pace
9	too fast / too quick(ly) / too rapid(ly); at fast pace

-fm	ITY* Degree of Intensity (= strength, overtness, or level of impact in which a quality/characteristic/act/process, etc. is manifested)
1	too mild(ly)
2	very mild(ly)
3	mild(ly)
4	somewhat mild(ly)
5	at the normal or expected level of intensity
6	somewhat intense(ly)
7	intense(ly)
8	very intense(ly)
9	too intense(ly) / overly intense(ly)

-rh	RLV Degree of Relevancy
1	utterly irrelevant; of no relevance whatsoever in any context; a non sequitur
2	of no relevance to the current context and of little if any relevance to other contexts
3	irrelevant(ly); inapplicable
4	perhaps relevant to other situations or contexts but not to the one at-hand
5	hardly relevant; barely relevant; not very relevant
6	somewhat relevant(ly) / somewhat applicable to the context at-hand
7	relevant(ly) / applicable to the context at-hand
8	very relevant(ly) / highly relevant
9	as relevant(ly) as can be

-tt	DCV Degree Of Spatio-Temporal Divergence or Convergence
1	headed/oriented in opposite directions/vectors
2	highly divergent(ly)
3	divergent(ly)
4	slightly divergent(ly)
5	parallel(ly)
6	slightly convergent(ly)
7	convergent(ly)
8	highly convergent(ly)
9	converged/merged into a single vector

-bg	NEC Degree of Necessity
1	impossible if X is present, a showstopper if X is present,
2	unwanted, not wanted, undesirable
3	unnecessary, can make do without X
4	potentially unnecessary, can probably make do without X
5	optional
6	potentially necessary, probably necessary, likely to be necessary
7	necessary
8	requisite, absolutely necessary, essential; can't be done without X, impossible without X
9	prerequisite, impossible without first having/doing/being X, impossible without there first being X

-ňd	PLN Degree of Planning
1	ad hoc / impromptu / unplanned (no forewarning)
2	ad hoc / improvised (forewarned but no preparation performed)
3	off-the-cuff (forewarned but no planning or preparation necessary due to necessary resources/skills being at hand)
4	unplanned but prepared (e.g., due to prior experience and having necessary resources at hand)
5	in the planning stages; being planned
6	conceptually planned but not (yet) prepared (i.e., a plan of action exists but the necessary resources/skills have not (yet) been identified or obtained)
7	conceptually planned and in the process of preparing
8	pre-planned and prepared
9	meticulously planned, prepared, and rehearsed/practiced

-fx	CFD* Degree of Forthrightness, Confidence or Humility
1	too meek(ly) / too submissive(ly) / too obedient(ly) / too docile(ly)
2	very meek(ly) / very submissive(ly) / very obedient(ly) / very docile(ly)
3	meek(ly) / submissive(ly) / obedient(ly) / docile(ly)
4	somewhat meek(ly) / somewhat submissive(ly) or obedient(ly) or docile(ly)
5	properly humble / properly forthright ; with proper degree of humility or forthrightness
6	somewhat confident(ly) / somewhat strong(ly) / somewhat definite(ly) / somewhat definitive(ly) or authoritative(ly)
7	confident(ly) /strong(ly) / definite(ly)/ definitive(ly) / authoritative(ly)
8	very confident(ly) or strong(ly) or definite(ly) or definitive(ly) or authoritative(ly)
9	over-confident(ly) / too strong(ly) / too definite(ly) / too definitive(ly) / too authoritative(ly)

-ft	EFI* Degree of Efficiency
1	destructively wasteful / disastrous(ly) / accomplishing the opposite of intention / making things worse
2	very wasteful(ly) / accomplishing nothing / making a mess of it
3	wasteful(ly) / accomplishing little
4	somewhat wasteful(ly) / accomplishing somewhat less than expected
5	adequate(ly) [in terms of efficiency]
6	rather efficient(ly) / fairly efficient(ly) / accomplishing somewhat more than expected
7	efficient(ly) / with little or no waste(d effort)
8	extremely efficient(ly) / with no waste(d effort) whatsoever
9	a synergy of... / sum beyond total of parts / a synergistic composite of ; to X synergistically

-ñt	ERR* Degree of Correctness versus Error
1	totally wrong/incorrect(ly) / totally mis- or mal-; totally in error
2	wrong/incorrect(ly) / mis- / mal- ; in error / erroneous(ly)
3	fairly wrong / fairly incorrect(ly)
4	somewhat wrong / more wrong than right
5	so-so; barely adequate(ly) / barely correct(ly)
6	somewhat right / more right than wrong
7	fairly right / fairly correct(ly)
8	right / correctly
9	totally right / totally correct(ly) / totally well-X'd

-kt	MAT* Degree of Maturation
1	undeveloped / immature(ly) / seed / embryo
2	under-developed / newborn [stage, not age] / seedling / baby
3	growing / budding / youthful / young
4	maturing / developing / getting stronger, bigger, more complex sophisticated
5	fully developed / fully mature(d) / robust / ripe
6	overly developed / overripe / showing signs of wear and tear / stressed / under stress / fatigued
7	declining/fading; trail off/fade / getting softer or weaker / faded / decrepit / has-been / past one's prime
8	disintegrating / deteriorated / beyond repair or rehabilitation / irreparable / dying
9	dead / defunct

-kh	SBT* Degree of Subtlety/Nuance
1	too subtle(ly)
2	very subtle(ly) / very nuanced
3	subtle(ly) / nuanced
4	somewhat subtle(ly)
5	neither too subtle nor too unsubtle
6	someowhat unsubtle(ly) / lumbering(ly) / belabored ; belabor / lumber along X-ing
7	unsubtle(ly) / obvious(ly)
8	over-the-top / in-your-face / blatant(ly) / exaggerated(ly)
9	too unsubtle(ly) / too obvious(ly) / too blatant(ly)

-dh	DRC* Degree of Directness/Frankness
1	too indirect(ly)
2	very indirect(ly)
3	indirect(ly)
4	somewhat indirect(ly)
5	neither too indirect(ly) nor too direct(ly)
6	somewhat direct(ly)
7	direct(ly) / straightforward
8	very direct(ly) / very straightforward
9	too direct(ly) / painfully straightforward

-gm	SUD Degree of Suddenness
1	too slow(ly) in happening, too long in X-ing, overdue, delayed
2	very slow(ly) in happening or developing
3	slow(ly) ; long in developing or happening
4	somewhat slow(ly) ; somewhat long in developing or happening
5	taking just the right amount of time to develop or occur
6	somewhat quickly / somewhat rapidly in occurring or developing; somewhat suddenly
7	fast / rapid(ly) / immediate(ly) / sudden(ly)
8	very fast / very quickly / very immediate(ly) / very sudden(ly)
9	too fast; too quickly too immediate(ly) / too sudden(ly)

-ph	PCN* Degree of Care, Precision or Scrutiny
1	too sloppily / too carelessly /utterly sloppy(ily) / totally careless(ly)
2	very sloppy(ily) / very careless(ly)
3	sloppy(ily) / careless(ly) / with poor attention to detail
4	somewhat sloppy(ily) / somewhat careless(ly)
5	less than careful(ly) / with only some degree of care
6	somewhat careful(ly) / fairly precise(ly)
7	precise(ly) / careful(ly) / detailed
8	extremely precise(ly) / with great care or precision or scrutiny / meticulous(ly)
9	overly precise(ly) / 'nit-picky' / with too much scrutiny / overly meticulous(ly)

-dc	OPL Degree of Onset & Prolongation
1	paroxysm(al) / paraoxysmally; having a sudden, intense, unexpected onset but of only momentary duration (e.g., an explosion, a flash of light, a spasm, a stab of pain)
2	having a sudden/intense onset and enduring for a relatively brief duration
3	having a sudden/intense onset and enduring for a prolonged duration
4	having a relatively quick onset then suddenly stopping/ending; fast-acting but then stopping suddenly
5	having a relatively quick onset and enduring for a relatively brief duration; fast-acting / having a fast effect / taking effect quickly then lasting relatively briefly
6	having a relatively quick onset and enduring for a prolonged duration; fast-acting / having a fast effect / taking effect quickly with a relatively prolonged/lasting effect
7	having a slow onset then suddenly stopping; slow-acting then stopping / having a slow onset then stopping
8	having a slow onset and enduring for a relatively brief duration; slow-acting with relatively brief following effect / having a slow onset followed by a relatively brief effect / taking effect gradually with brief effect following
9	having a slow onset and enduring for a prolonged duration; slow-acting with prolonged effect / having a slow onset with a relatively prolonged/lasting effect

-xť	CNC* Degree of Concern or Consideration
1	...the hell...! / what the hell . . . / . . . who cares
2	self-centered(ly) / without thought or concern for others
3	without concern / indifferent(ly) / without consideration / unconcerned(ly) / thoughtless(ly)
4	at the very least / at the least level of concern required
5	at best / with the most concern one can muster
6	with some concern / with a certain degree of concern
7	concerned(ly) / with concern / with consideration for others
8	very concerned(ly) / highly concerned(ly) / with great concern or consideration for others
9	overly concerned(ly) / worrisome(ly) / with too much concern or consideration for others / altruistically

-kř	DPD Degree of Dependency
1	Objective value/identity/nature utterly dependent upon or determined by another entity
2	Objective value/identity/nature mostly dependent upon or determined by another entity
3	Objective value/identity/nature partially dependent upon or determined by another entity
4	Objective value/identity/nature barely dependent upon or determined by another entity
5	Utterly independent; value/identity/nature/efficacy completely self-determined; sui generis
6	Efficacy/effectiveness/subjective value of X somewhat/barely determined/dependent upon another entity
7	Efficacy/effectiveness/subjective value of X somewhat/partially determined/dependent upon another entity
8	Efficacy/effectiveness/subjective value of X mostly determined/dependent upon another entity
9	Efficacy/effectiveness/subjective value of X completely determined/dependent upon another entity

-ix	SPH* Degree of Sophistication
1	too crude(ly) / too primitive(ly)
2	very crude(ly) / very primitive(ly)
3	crude(ly) / primitive(ly)
4	somewhat crude(ly) / somewhat primitive(ly)
5	with expected/normal degree or level of sophistication
6	somewhat sophisticated or refined
7	sophisticated or refined
8	very sophisticated or refined
9	too sophisticated or refined

-nx	CVT* Degree of Covertiness versus Overtness
1	too furtive(ly) / overly covert(ly)
2	very furtive(ly) / highly covert(ly) / well behind the scenes
3	furtive(ly) / covert(ly) / behind the scenes / between the lines / under the table / "back-room"
4	somewhat furtive(ly) / somewhat covert(ly)
5	just the right amount of openness or furtiveness; not too furtive(ly) / not too open(ly)
6	somewhat open(ly) / somewhat "up front"
7	open(ly) / overt(ly) / "up front" / out in the open / honest / forthcoming(ly)
8	very open(ly) / very overt(ly) / very "up front" / flaunting(ly) / brutally honest
9	too open(ly) / too overt(ly) / overly flaunting(ly) / vulgar(ly)

-mť	DSR* Degree of Discretion or Secrecy
1	announced/advertised/heralded; w/ public disclosure
2	open & well-known; with full public knowledge
3	open/public; for all to see/publicly/openly
4	shown, open, or available by request/ by request
5	semi-public(ly), exclusive(ly), available to select parties
6	personal; semi-private
7	private; privately
8	secret; secretly
9	confidential/classified

-ňř	PRV* Degree of Prevention or Blockage
1	completely blocked/prevented from occurring/manifesting (naturally so)
2	fully restricted - manifestation/occurrence determined by natural conditions
3	partially restricted; partially blocked/impeded/prevented (naturally so)
4	slightly restricted; slightly impeded by natural conditions
5	totally free to X; nothing preventing or impeding the manifestation of X
6	slightly restricted; slightly impeded by certain rules or artificial conditions
7	partially restricted; partially blocked/impeded/prevented (artificially so)
8	fully restricted/regulated; manifestation/occurrence conditioned by rules
9	completely blocked/prevented from occurring/manifesting (artificially so)

-čm	DIF* Degree of Difficulty (renamed from EFT)
1	too easy / overly easy
2	very easy / so easy
3	easy / certain / unhindered / with ease / without resistance / effortlessly
4	somewhat easy; not so difficult
5	neither easy nor difficult
6	somewhat difficult / not that easy
7	strained / difficult; strain to / with difficulty / struggle to / to work at X-ing / to X hard
8	very difficult / so difficult
9	too difficult / overly difficult

-vh	DSG* Degree of Design or Organization
1	too unorganized / too chaotic / too random
2	unorganized / random(ly) / chaotic(ally)
3	haphazard(ly) / not well-planned / not well-organized / poorly designed
4	somewhat haphazard(ly) / somewhat disorganized
5	slightly disorganized / less than well-planned
6	somewhat organized / somewhat well-planned
7	organized(ly) / well-planned / well-designed
8	very organized / very structured
9	too organized / overly structured / "anal(ly)"

-ch	DCS Decisiveness or Commitment
1	too indecisive(ly) / too meandering
2	incapable of making a decision / incapable of any commitment
3	very indecisive(ly) / very meandering
4	indecisive(ly) / meandering / wishy washy / flaky
5	half-heartedly / with less than full commitment or decisiveness
6	decisive(ly) / deliberate(ly) / committed = acting with full commitment
7	very decisive(ly) and deliberate(ly)
8	intransigent / utterly set upon X
9	too intransigent / unable to be reasoned with

-jh	CRL* Degree of Physical Control
1	too uncontrolled; too out-of-control
2	uncontrolled/helpless(ly) ; without control/ out of control
3	almost completely out of control / almost totally helpless
4	losing control / losing the ability to...
5	(only) somewhat in control; (only) partially in control
6	gaining control / coming to be in control
7	nearly in control / almost fully in control
8	in full control
9	too controlled / with too much control / overly controlled

-šh	PPF Degree of Practice-Based Proficiency (= skill acquired via practice)
1	too lacking in proficiency; completely unpracticed in...
2	very lacking in proficiency; very poorly practiced
3	lacking in proficiency; poorly practice; needing much more practice
4	amateur(ishly) / superficially able to... / showing rudimentary practice only
5	begin(ning) to be able to... / with growing proficiency or expertise (in)
6	nearly proficient (in)
7	proficient(ly)
8	expert(ly)
9	too proficient(ly) / overly proficient / with too much expertise

-žh	KPF Degree of Knowledge-Based Proficiency (= skill acquired via application of learning/knowledge)
1	too lacking in proficiency; completely untrained to/in...
2	very lacking in skill or proficiency; very poorly trained
3	lacking in skill or proficiency; poorly trained
4	amateur(ishly) / superficially able to...
5	learning to... / begin(ning) to be able to... / with growing proficiency or expertise (in)
6	nearly proficient (in)
7	proficient(ly)
8	expert(ly)
9	too proficient(ly) / overly proficient / with too much expertise

-řh	TRS* Degree of Trustworthiness/Reliability
1	utterly untrustworthy/unreliable
2	flaky / unreliable / can't be counted upon to be/act in a reliable manner
3	skeptical of X / hard to believe in X's trustworthiness/reliability
4	skeptical of X but willing to trust in X despite skepticism due to other factors/considerations
5	trusted based on hope, faith, intuition, or gut feeling
6	naively trusted, deemed trustworthy/reliable based on one's gullibility/credulity/naivete
7	provisionally reliable or trustworthy [subject to verification]
8	cautiously trustworthy/reliable due to experience or record despite possibility of untrustworthiness
9	completely trustworthy/reliable

-gd	SEN Degree of Sensibleness/Predictability
1	surreal
2	nonsensical / silly / "funny" / absurd
3	weird / odd
4	somewhat odd / off-kilter / a bit strange
5	normal / typical / not unusual or odd in any way / sensible / ... makes sense
6	somewhat stilted or rehearsed-seeming or predictable
7	stilted / predictable / pat
8	like a parody of X / a caricature of X
9	clockwork

-cr	RSK Degree of Risk to a Party
1	at great risk to oneself
2	at some risk to oneself
3	at little or no risk to oneself
4	at little or no risk to oneself or others
5	at some risk to oneself and others
6	at great risk to oneself and others
7	at little or no risk to others
8	at some risk to others
9	at great risk to others

-pt	DNG* Degree of Danger
1	completely safe; utterly no danger at all
2	very safe; almost no threat of danger or risk
3	safe
4	most likely on the safe side; likely to not be dangerous; of little danger
5	uncertain as to degree of danger
6	somewhat dangerous; somewhat risky
7	dangerous; risky
8	very dangerous; high risk of injury or fatality; mortally dangerous
9	lethal; fatal

-v!	PLE* Degree of Emotional/Mental (Dis-)Pleasure
1	maximally unpleasant, horrible, ghastly, terrible
2	very unpleasant, awful
3	unpleasant, mildly awful
4	somewhat unpleasant, disagreeable
5	neutral, neither pleasant nor unpleasant, bland
6	somewhat pleasant, agreeable
7	pleasant, a nice experience
8	very pleasant, pleasurable
9	maximally pleasant, very pleasurable, ecstasy

-p!	EFP Degree of Effect from Pain or Pleasure
1	in (or due to) excruciating/agonizing pain
2	in (or due to) severe pain; very painful(ly)
3	painful(ly)
4	somewhat painful(ly); unpleasant(ly)
5	in neither pain nor pleasure
6	pleasant(ly)
7	in pleasure / with pleasure / pleasurable
8	in (or due to) great pleasure; extremely pleasurable / extremely pleasurable
9	in ecstasy

NOTE: The PLE affix above refers to the referent itself, whereas the new XXX affix above indicates that the referent is caused by or is an effect of pain or pleasure. Example: 'a pleasant sound' (PLE) versus '*a sound of pleasure*' (XXX).

-bñ	TAL* Degree of Innate Talent for...
1	no talent for X(-ing)
2	almost no talent for X(-ing)
3	poor/little talent for X(-ing)
4	below-average talent for X(-ing)
5	fair talent for X(-ing)
6	above-average/good talent for X(-ing)
7	very good talent for X(-ing)
8	excellent talent for X(-ing)
9	outstanding talent for X(-ing)

-vx	DCX Degree of Complexity
1	too simple, to easy-to-figure-out
2	very simple, very easy-to-understand, very easy-to-figure-out, quite uncomplicated
3	simple, easy-to-understand, easy-to-figure-out, uncomplicated
4	fairly/somewhat simple, fairly/somewhat easy-to-understand or easy-to-figure-out
5	neither too simple or too complicated; about as simple/complicated as one would expect
6	fairly/somewhat complex, fairly/somewhat complicated and difficult to figure out or understand
7	complex; complicated; difficult to figure out or understand
8	very complex; extremely complicated; very difficult for most parties to figure out or understand
9	overly complex; too complicated too possibly figure out or understand

-dm	DPF Degree of Perfunctoriness
1	too perfunctory; in too perfunctory a manner or way
2	perfunctory, not taken seriously; in a perfunctory manner
3	cursory; in a cursory manner without checking the details
4	somewhat cursory; in a somewhat cursory manner or way
5	at/with the proper level of attention to detail or scrutiny
6	somewhat detailed; in a somewhat detailed/scrutinizing way
7	detailed/scrutinizing; in a scrutinizing/detailed manner/way
8	very detailed, very scrutinizing; in a very scrutinizing/detailed manner or way
9	overly detailed, too detailed; in too scrutinizing/detailed a way

-d	SCS Degree of Success versus Failure
1	fail(ure) beyond even the most pessimistic predictions; worst outcome possible in terms of failure; worse than no attempt at all
2	complete(ly) fail(ure) to; utter(ly) fail(ure) [to]...
3	certain to be a failed / certain to fail in
4	a failure to... / failed / would-be; unsuccessful(ly), fail to
5	uncertain or yet-to-be determined whether a success or a failure
6	marginally successful(ly) / barely, hardly [in terms of adequacy or success]
7	certain to be a successful ; certain to succeed in
8	succeed in...; successful(-ly completed); successfully; accomplish
9	overwhelmingly successful(ly); successful beyond all hopes

-kp	EFT* Degree of Effort
1	no attempt made at all; not even try to...
2	minimal attempt/effort at/to; barely even try to...
3	small attempt/effort at/to; nominally attempt to...
4	a fair(ly good) attempt/effort at/to; make a fair(ly good) attempt at/to
5	a normal/standard/usual attempt/effort to; to try to...with the normal/expected degree of effort
6	a worthy/meaningful attempt/effort at/to; make a significant attempt at/to...
7	a grand attempt at/to; make a grand/great effort/attempt at/to...
8	with the utmost personal effort; try as hard as possible to... (personal effort)
9	maximum effort using all means/resources available

-lp	CAP Degree of Potential or Capability
1	utterly incapable / completely lacking in all necessary abilities or capacities
2	underqualified; almost totally lacking in necessary abilities or capacities
3	lacking in certain key capabilities; mostly inadequate to task
4	possible but less than likely due to underdeveloped capabilities
5	unknown if capable or not
6	somewhat capable / has possible potential to perform
7	sufficiently capable / adequate potential to perform
8	fully capable; well within abilities
9	overly qualified; more capable than necessary or required

-řč	OPF* Degree of Operational Functionality
1	disintegrated, in pieces, shattered
2	irreparably damaged/ broken , ruined, worn out
3	badly damaged/ broken , non-operational, non-functional (with possibility of being repaired)
4	damaged/ broken -- only partially functional (i.e., some parts/aspects are functional while others are not)
5	something wrong with X, not functioning properly, something not right with X, wearing out
6	impaired -- functional but not performing to full extent of output or efficiency
7	in fair working order/condition
8	in good working order/condition
9	in optimum working order / in excellent condition

-sp	NEW* Newness/Revision
1	new = original + new, i.e., never before seen
2	new = never before seen within current context, e.g., a new student
3	new = role, i.e., never functioning/existing in this capacity/manner before
4	new/other = replacement + new
5	new/other = additional instance + new
6	new/other = revision + additional
7	new/other = revision + replacement
8	new/other/different = different, not seen/used before within current context; status as addition or replacement is unknown or inapplicable
9	new/other/different = different + new; status as addition or replacement is unknown or inapplicable

-řb	ATN Degree of Attention or Determination
1	ignore completely
2	barely notice; take little notice of
3	take some notice of
4	keep an eye on
5	pay attention to; attend to; be careful that you...; heed
6	determined to
7	pay strict attention to
8	concentrate to point of distraction, to be 'lost' in X-ing
9	concentrate fully upon; pay utmost attention to

-mv	DCY Degree of Certainty
1	one is probably mistaken in saying this (due to insufficient experience/skill/knowledge on the matter), but...
2	one may be mistaken in saying this (since one's experience/skill/knowledge on the matter may be insufficient), but...
3	if one is not mistaken (given that one has a degree of experience/skill/knowledge in the matter) ...
4	one can say with a fair degree of certainty (based on one's relevant experience/skill/knowledge in the matter) that...
5	one can say with absolute certainty (based on sufficient experience/skill/knowledge and/or clear and accurate memory) that...
6	one can say with a fair degree of certainty (given that one's memory of the matter seems clear), that...
7	if one is not mistaken (depending on whether one's memory of the matter is as clear as I think it is) ...
8	one may be mistaken in saying this (since one's memory of the matter is somewhat vague), but...
9	one is probably mistaken in saying this (due to one's memory of the matter being rather vague), but...

-m 	MNN Manner
1	in a light-handed, gentle manner
2	in a graceful/effortless manner
3	in an affectionate, loving manner
4	in a concerned, empathetic, emotional manner
5	in a normal, usual, expected, predictable manner
6	in a clinical, detached, unemotional manner
7	in a mean, disdainful manner
8	in a clumsy/awkward manner
9	in an aggressive, "rough" manner

Modality Affixes

-lz	DSD Desiderative modalities
1	want to/that; desire to/that
2	hope to/that, wish to/that; Type 2: dream about / long to
3	request/ would like to/that / if you please
4	feel like / up for / be inclined to
5	envy / covet
6	deign to / acquiesce to / assent to
7	be willing to, not mind, be open to, be OK with
8	would rather / prefer to
9	demand to/that

-ž	CPC* Capacitative modalities
1	can/be able = have phys. ability/capacity to
2	can/be able = have opportunity to
3	can/could = have the potential to / possibility of
4	can/be able = offer to / volunteer to
5	can/be able = have knowledge/skill needed to
6	can/be able = be permitted to
7	let / allow to / permit that
8	suggest that / propose to
9	take advantage of (the opportunity to)

-čp	DBV Deliberative modalities
1	be devoted/committed to
2	have impression/feeling that
3	think (believe) that
4	remember to
5	consider, think about
6	be resigned to
7	dare to
8	choose to / decide to / resolve to, make up one's mind to
9	help to, aid in, assist with

-fs	ATI* Anticipatory modalities
1	tend to / be apt/prone to / be characterized by X-ness
2	be prepared/ready to
3	promise to / swear to / vow to
4	look forward to / eagerly await
5	free to, available to
6	anticipate / expect to/that
7	intend to / plan on/ shall
8	(be) face(d with)
9	be predisposed to

-lž	OBG Obligative/necessitative
1	must / have to
2	should / ought to
3	be supposed/expected to, would be best if
4	feed driven/compelled to / feel a need to
5	need to / be necessary that/to
6	agree to
7	be tempted to
8	be persuaded to
9	to be fated/destined to

-vč	AVS Aversive (“short-cut” negations of other modalities)
1	forget to
2	avoid / shy away from
3	fear to / dare not
4	hinder, interfere with
5	prevent / prohibit / not let
6	refrain/abstain from
7	dread, not look forward to
8	be forced to / coerced to / ...unwillingly
9	would rather not / prefer not to

Agential/Participant Affixes

-řs	CNS* Degree of Consent
1	deliberately against the expressed wishes/will of the affected party
2	without the affected party’s knowledge and against their implied/presumed wishes/will
3	without the consent or knowledge of the affected party [their expressed or implied wishes/will being unknown or undetermined]
4	with the affected party’s knowledge but without their consent
5	with the affected party’s consent obtained under pressure, threat, coercion
6	with the affected party’s reluctant consent
7	with the affected party’s full consent; willingly
8	with the affected party’s enthusiastic approval and support
9	by request of the affected party

-cb	RSN* Reason for an Emotional State or Motivation for an Action
1	for no reason
2	for foolish or naïve reason
3	out of curiosity/to see what happens
4	in defense/for protection
5	to provoke/elicit reaction
6	to entice
7	to show appreciation
8	for appropriate reasons / for good reason
9	for virtuous, healthy/beneficial reasons

-sč	MTA Negative Motivation for an Action or State
1	for evil or perverse reasons
2	in fear
3	in anger
4	in irritation
5	in repugnance/revulsion
6	due to or based on faulty perception or misinterpretation of information or evidence
7	due to faulty information provided by another [no deception intended]
8	due to deception by another
9	despite negative circumstances or reasons not to

-rj	DLB Degree of Deliberateness/Agency
1	accidental(ly) / inadvertent(ly) and unaware of consequences
2	unintended / unintentional(ly) / without meaning to and unaware of consequences
3	accidental(ly) / inadvertent(ly) but now aware of consequences
4	unintended / unintentional(ly) / without meaning to but now aware of consequences
5	unforeseeable / unpredictable; unforeseeably / unpredictably
6	without realizing or considering potential consequences
7	thinking one can get away without reaping consequences / furtive(ly)
8	realizing potential risks or consequences / cognizant of potential risks or consequences
9	intentional(ly) / deliberate(ly) / on purpose / by choice; choose to

-řš	XPT Expectation of Outcome
1	shockingly unexpected; without precedent or rumour
2	surprise X / unexpected X; completely by surprise/ completely unexpected(ly)
3	manage to X despite inadequacy of preparation or effort; harder than thought to be due to poor planning and/or execution
4	manage to X despite underestimating hindrances or obstacles; harder than initially thought to be
5	managed to X despite hindrance(s) or obstacles; hard-won
6	manage to X due to hindrances or obstacles being overestimated; easier than thought to be
7	manage to X due to excellent preparation / planning / execution
8	completely as expected / totally as anticipated / as predicted
9	pat; outcome pre-ordained or predetermined

-řz	MOT Degree of Self-Conscious Deliberation or Motivation
1	affected, ostentatious; affectedly/ostentatiously
2	self-conscious(ly)
3	guilty / guiltily
4	less-than-willingly; doing so out of sense of duty/honor/shame only
5	against better judgement / can't help but / can't help it
6	ingrained, by upbringing
7	learned / habitual; by habit / trained to
8	natural(ly) / un-self-conscious(ly)
9	autonomic / unaware, automatic

-nř	AGN Degree of Agency, Intent or Effectiveness
1	with the anticipated max. resulting effect possible
2	with the anticipated resulting effect to a high degree
3	with the anticipated resulting effect to a moderate degree
4	with the anticipated resulting effect but only to a marginal, superficial or barely noticeable degree
5	with no noticeable effect or resulting change
6	with only marginal, superficial, or barely noticeable effect or resulting change unanticipated
7	with moderate effect or resulting change — unanticipated
8	with the resulting effect to a high degree — unanticipated
9	with the max. resulting effect possible — unanticipated

-řň	IMP Degree of Impact on Patient/Target or Enablement of Outcome
1	target can do nothing - utterly inevitable
2	target chooses to do nothing - resigned to fate
3	target tries to prevent/avoid but fails
4	target tries to prevent/avoid and does so partially or mitigates impact somewhat
5	target tries to prevent/avoid and succeeds
6	target helps/enables outcome inadvertently
7	target helps/enables outcome against own interest (i.e., without thinking)
8	target helps/enables outcome intentionally despite negative consequences
9	target helps/enables outcome intentionally for own benefit

-kč	LET 'to let X be/happen/manifest. . .'
1	by deliberate inaction, not doing anything to prevent/stop it
2	by acting against one's own interests
3	by deliberately inadequate preventative measures
4	by removal of hindrance/blockage, cessation of preventative measure
5	by one's granting of permission
6	by unwitting/unknowing inaction, unwittingly not doing anything to prevent/stop it
7	by inadvertently/accidentally/unwittingly inadequate preventative measures
8	by underestimating, misjudging, failing to anticipate the situation leading to inadequate preventative measures
9	despite attempting to prevent it

-rz	CHC Degree of Choice by Externally-Induced Agent (operates like the existing IMP affix above except that the party is the Agent of an externally-induced or externally-enabled (i.e., EFFECTUATIVE) act, rather than the Patient of an agential act)
1	party made/induced by another party/force/situation to initiate an state/act/event - can do nothing to stop it, initiation is inevitable
2	party made/induced by another party/force/situation to initiate an state/act/event - chooses to acquiesce due to being okay with, or indifferent as to outcome
3	party made/induced by another party/force/situation to initiate an state/act/event - tries to prevent/avoid but fails
4	party made/induced by another party/force/situation to initiate an state/act/event - tries to avoid and partially succeeds/mitigates impact
5	party made/induced by another party/force/situation to initiate an state/act/event - tries to prevent/avoid and succeeds
6	party made/induced by another party/force/situation to initiate an state/act/event - inadvertently helps/enables outcome
7	party made/induced by another party/force/situation to initiate an state/act/event - acquiesces/helps/enables outcome against own interest w/o thinking
8	party made/induced by another party/force/situation to initiate an state/act/event - intentionally acquiesces/helps/enables outcome consciously against own interest
9	party made/induced by another party/force/situation to initiate an state/act/event - intentionally acquiesces/helps/enables outcome for own benefit

Affixes Relating to Bodily Position

-žp	HND Hand Position
1	with hand extended frontward (i.e., as when offering to shake hand)
2	with hand extended or finger pointing to indicate orientational direction or to focus attention upon something
3	with hand held rigid and palm of hand facing outward (i.e., as when signifying someone to “halt”)
4	with hand (and arm) gesturing (i.e., as when “talking with one’s hands”)
5	with hand(s) balled into in a fist
6	with hand (and arm) gesturing (i.e., as when “talking with one’s hands”)
7	with hand held rigid and palm of hand facing outward (i.e., as when signifying someone to “halt”)
8	with hand extended or finger pointing to indicate orientational direction or to focus attention upon something
9	with hand extended frontward (i.e., as when offering to shake hand)

-žt	AR1 Position Of One's Arms 1
1	with both arms extended upward parallel to each other
2	with both arms extended upward in a "V" shape
3	with both arms extended outward to the sides
4	with both arms extended/reaching forward/frontward
5	with both arms at one's sides
6	with one arm extended forward/frontward
7	with one arm extended outward to the side
8	with one arm extended upward at an angle
9	with one arm extended upward vertically

-žk	AR2 Position Of One's Arms 2
1	with one arm flexed (i.e., curled up at elbow joint)
2	with one arm behind one's back
3	with one arm held behind one's head
4	with one arm held with hand on one's hip
5	with arms folded across chest/torso
6	with arms akimbo
7	with both arms raised behind one's head
8	with both arms behind one's back
9	with both arms flexed (i.e., curled up at elbow joint)

-ňc	FP1 Finger Positions 1
1	with index finger extended/pointing outward
2	with middle finger extended
3	with pinkie finger extended
4	with index and middle fingers extended outward
5	with fingers and thumb at rest
6	with index and middle fingers extended and held apart in a "V"
7	with first three fingers held upright
8	with four fingers held upright
9	with thumb extended only

-ňč	FP2 Finger Positions 2
1	with thumb and pinkie finger extended
2	with thumb and index finger extended
3	with four fingers and thumb held outward/extended
4	with fingers held curled together at first interphalangeal joint (primary finger knuckle)
5	with fingers held in "Vulcan salute"
6	with fingers curling and extending in unison
7	with fingers curling and extending one after the other rapidly (as when imitating a spider crawling)
8	with fingers "tapping" one after the other (as when impatient)
9	with index finger curled/crooked (e.g., as when beckoning someone secretly)

-ňz	BOD Position Of One's Core Body (i.e., head and torso, not including limbs)
1	in supine position (i.e., lying prone, facing upward)
2	lying face-downward
3	lying on one's right side
4	lying on one's left side
5	upside-down (i.e., with one's head held/dangling below one's torso in the direction of gravity)
6	with body positioned at an angle (i.e., neither lying fully flat, nor fully upright) with left side facing downward
7	with body positioned at an angle (i.e., neither lying fully flat, nor fully upright) with right side facing downward
8	with body positioned at an angle (i.e., neither lying fully flat, nor fully upright) facing downward
9	with body positioned at an angle (i.e., neither lying fully flat, nor fully upright) in supine position (i.e., facing upward)

-čd	LEG Position Of One's Legs
1	with one leg held straight, the other bent
2	with one leg folded under oneself, the other not (e.g,
3	with one leg bent at the knee, the other held straight
4	with one leg bent with ankle upon opposite thigh (i.e., open-legged cross-legged position, "half-lotus" position)
5	with legs crossed (one over the other)
6	with both legs crossed over one's thighs (i.e. "lotus" position)
7	with both legs bent at the knee
8	with both legs folded under oneself (i.e., sitting cross-legged "Indian" style)
9	with both legs held together

Instrumentative/Utilitative Affixes

-zb	BY1 Bodily Instrumentality = 'by means of/using...'
1	a finger
2	a thumb
3	one's fingers
4	a hand
5	both hands
6	an elbow/forearm
7	both elbows/forearms
8	an arm / tentacle / primary manipulator appendage
9	both arms / tentacles / primary manipulator appendages

-zd	BY2 Bodily Instrumentality 2 = 'by means of/using...' (formerly DBI)
1	a toe
2	a big toe
3	one's toes
4	a foot / paw
5	both feet / paws
6	a knee
7	both knees
8	a leg / primary ambulatory appendage
9	both legs / primary ambulatory appendages

-zg	BY3 Bodily Instrumentality 3 = 'by means of/using...'
1	one's torso/chest/thorax
2	one's shoulders
3	one's head
4	one's ears
5	one's eyes
6	one's nose/snout/proboscis
7	one's teeth / fangs
8	one's lips
9	one's tongue

-zk	BY4 Bodily Instrumentality 4 = 'by means of/using...'
1	one's mouth / beak
2	one's fins / flippers / flukes
3	one's stinger
4	one's tail
5	one's horn / tusk
6	one's horns / tusks
7	one's whiskers / feelers / antennae
8	a fingernail / claw
9	one's fingernails / claws

-ms	MEC Type of Mechanical Instrumentality = 'by means of...'
1	the body's natural method of doing so (e.g., on foot, by hand, etc.)
2	object employed circumstantially as implement for X-ing
3	a specialized tool for that specific purpose or activity
4	a machine or via mechanical means or process
5	a virtual, electronic means or via engineering
6	mental power, force of will, concentration
7	a redirection or collation of energy specially applied
8	a coordinated/formal/commercial service dedicated to the task
9	a collective pooling of electronic/mechanical/engineering resources

-bš	UTE Utilitative or Enabling Resource
1	power/energy source for X(-ing)
2	supporting structure, base or platform for X(-ing)
3	raw material resource which makes X(-ing) possible
4	conduit-like tool/apparatus by/through which one X's
5	medium by/through which one X's
6	covering/protective element employed to allow/permit X(-ing)
7	enabling element/device/apparatus to allow/foster X(-ing)
8	environment/situation/circumstances/setting which allows/fosters X(-ing)
9	FORCE which causes/permits X(-ing)

-čv	TDM* Tool/Device/Means
1	hand-held / manual tool / utensil / implement for X-ing
2	specialized powered tool for X-ing
3	device/appliance for X-ing (small, handheld, countertop)
4	machine/apparatus for X-ing (large, industrial)
5	means/method for X-ing
6	procedure for X-ing
7	resource/material needed for X-ing
8	(quasi-) permanent implement used/left in place after X-ing (e.g., nail, screw, rivet, bolt, staple, clamp, suture, etc.)
9	automated process/system for X-ing

-gd	MDI Modification (type 2 affixes = specifically designed tool/device)
1	entity/object used to stop/interrupt (the process/effect of) X
2	entity/object used to lessen/mitigate (the process/effect of) X
3	entity/object used to prevent/impede/block (the process/effect of) X
4	entity/object used to slow down (the process/effect of) X
5	entity/object used to modify (the process/effect of) X
6	entity/object used to accelerate/speed up/intensify (the process/effect of) X
7	entity/object used to enable/facilitate (the process/effect of) X
8	entity/object used to enhance/magnify (the process/effect) of X
9	entity/object used to initiate/start/effectuate (the process/effect of) X

-mz	SOC Type of Social Instrumentality = 'by means of...'
1	via lackeys, grunt labor, go-fors or henchmen
2	by coercion, threat, blackmail
3	"fronts", or disguised go-betweens
4	indirectly through actions of others (unbeknownst to them)
5	indirectly through actions of others (with their knowledge)
6	by leveraging existing resources / personnel (deploying existing methods in a new application)
7	via a proxy or proxies
8	hired help or staff
9	by delegation of task to experts

-çn	OAU* Origin/Association/Utilization
1	entity/thing/phenomenon that hails from X
2	entity/thing/phenomenon associated with X
3	entity/thing/phenomenon that utilizes X
4	person that hails from X
5	person associated with X
6	person that utilizes X
7	idea/practice/custom that hails from X
8	idea/practice/custom associated with X
9	idea/practice/custom that utilizes X

-pč	AUT Authorization
1	by being granted a personal privilege / via the generosity or largess of another or others
2	by inalienable human right / by natural right
3	by right of a legal claim / by right of statute or law
4	by right of custom or social convention / by right of general agreement or common knowledge
5	by granting of a personal favor or claim on a favor owed
6	by making of a threat or via a quid-pro-quo agreement
7	by one's own formal authority, rank, or formal position
8	by authority of one's social position, class, or position in informal or subjective hierarchy
9	as authorized by a governing entity or formal collective authority

-mš	ENB Means of Enablement
1	by inadvertent gesture/word/sign taken as order or permission
2	by granting of permission
3	by cajoling or persuasion
4	by direct request or imploring
5	by direct order based on one's real or perceived authority
6	by inadvertent removal of hindrance
7	by inadvertent action that initiates a chain of events
8	by deliberate removal of hindrance
9	by deliberate action that initiates a chain of events

-fk	MAK* Making/Constructing
1	the idea/concept of how to make/construct X
2	the instructions/plan/blueprint/diagram stating/illustrating how X is (to be) made
3	the method(ology) in/with which X is/has been constructed
4	the material of which X is made or which X consists of
5	a component/ingredient which goes into the making/construction of X
6	the mold/model/archetype used to create/construct X
7	the making/construction of X
8	the physical/structural design in which X is/has been constructed or of which X is an example
9	the type/kind/sort/genre of entity of which X is a representative

-cř	CSN Cancellation - Suspension - Nullification - Maintenance
1	(quasi-)permanent suspension/cancellation/nullification of X
2	long-term suspension/cancellation/nullification of X
3	temporary suspension/cancellation/nullification of X
4	almost/near (full/total/complete) suspension/cancellation/nullification of X
5	partial suspension/cancellation/nullification/maintaining of X
6	almost/near (full/total/complete) maintaining of X
7	temporary maintaining of X
8	long-term maintaining of X
9	(quasi-)permanent maintaining of X

-sc	EPS Energy/Power Source
1	powered by burning or combustion of fossil fuel
2	hydraulic-powered (e.g., water, wind, compressed air, etc.)
3	steam-driven
4	solar-powered
5	electric, electricity-driven, hydro-electric
6	powered by stored energy (e.g., battery, flywheel)
7	atomic-powered, nuclear-powered (e.g., fission, fusion)
8	hydrogen-powered
9	powered by quantum vacuum energy, zero-point energy

-řst	LCM Life-Cycle of a Mechanism/Device/Fixture/Machine
1	designing X, drafting a blueprint of X; to design X, to draft a blueprint/design of X
2	constructing/forming/crafting/making X; to make/build/construct/craft X
3	determining placement/location of X within/among/in association with its surrounding infrastructure
4	installation/connection/set-up of X; to install/connect/set up X
5	operational test of X; to test whether X is functioning/operating correctly
6	servicing/maintenance of X; to perform maintenance service on X
7	repair of X; to repair X
8	removal/retirement/discarding of X; remove/retire/discard X
9	replacement of X; replace X

-zt	MNS Maintenance of a State
1	maintain in pristine/ideal state without needing/applying X;
2	maintain in pristine/ideal state by requiring/obtaining X
3	maintain in pristine/ideal state by applying/providing X
4	maintain (in) the state that requires X (where X has not yet occurred or been applied);
5	be (in) the state where X must be constantly maintained/present/applied
6	maintain (in) the state resulting from X-ing or having X'd / maintain (in) the resulting state after (having) X('d)
7	(able to) maintain (in) the state of X only by constant monitoring and upkeep / maintain (in) the state of X-ing but requiring constant monitoring and upkeep
8	(able to) maintain (in) the state of X but requiring periodic monitoring or upkeep / maintain (in) the state of X-ing but requiring periodic monitoring or upkeep
9	(able to) maintain (in) the state of X without requiring further monitoring or upkeep / maintain (in) the state of X-ing without requiring further monitoring or upkeep

Configurative Affixes

-nz	PWF Part/Whole Functional Metaphors
1	(acting as) engine / motor / heart / pump / core / driver mechanism
2	(acting as) brain / computer / chip / instruction set
3	(acting as) input / feeder / access point / mouth
4	(acting as) exit point / anus / exhaust / tailpipe / smokestack / vent
5	(acting as) skeleton / frame
6	(acting as) wiring / energy conduits
7	(acting as) plumbing / hydraulic or gas conduits
8	(acting as) EM audio or visual sensor / eye / ear / antennae
9	(acting as) communication interface / voice

-mž	PWC Part/Whole Componential Metaphors (replaces Ithkuil's PTG affix)
1	(acting as) support / leg / stand / base of X
2	(acting as) "trunk", torso, or central bulk portion of X
3	(acting as) "head" extension or main interface area of X
4	(acting as) top/upper component relative to gravity or natural vector of movement of X
5	(acting as) side/flank/ lateral component of X
6	(acting as) bottom/lower component relative to gravity or natural vector of movement of X
7	(acting as) middle or divisional segment or joint (e.g., elbow, knee, knuckle)
8	(acting as) wing/ arm / branch / extensor of X
9	(acting as) end-manipulator, hand of X

-dř	SBS Subset of Configurative Set
1	single specific member (random, i.e., any given member)
2	natural first level subset, e.g., <i>a cell among a network, a clique within a club, a row of an orchard</i>
3	natural 2nd level subset, e.g., <i>section of a network, subcommittee within a club, section of an orchard</i>
4	complex natural system or pattern within a set (e.g., <i>the circulatory system, the heating system</i>)
5	subset of set (unknown if natural or select sub-configuration)
6	complex/circumstantial select pattern/arrangement within a set (e.g., <i>the parts/things of a house damaged by fire</i>)
7	2nd level subset (externally determined), e.g., <i>select section of trees of an orchard</i>
8	first level subset (externally determined), e.g., <i>select rocks from a pile, select trees of an orchard</i>
9	single select member (externally determined)

The following affix can be used in conjunction with the specialized C_A -stacking V_S affix to specify structures/networks/systems of increasing complexity/dynamism. For each degree below, use of Type 2 $V_X C_S$ affixes indicates that the superset establishes a new gestalt (i.e., a higher-order pattern/configuration more cognitively simple or salient than the lower order pattern/configuration).

-bř	SPS Superset
1	configurative set of X where the number of individual members/nodes is sufficient to give rise to (sub-)patterns or potential sub-sets within the set
2	2nd-level superset containing X based on additional layer of infrastructure or additional order of complexity
3	Higher-order superset containing X based on additional layer of infrastructure or additional order of complexity and the set's internal sub-sets operate (quasi-) independently
4	Higher-order superset containing X based on additional layer of infrastructure or additional order of complexity and the set's internal sub-sets operate inter-dependently, i.e., the superset is now a complex system
5	High-order super-system, consisting of multiple levels of interdependent systems; the super-system manifests synergistic/emergent effects/properties
6	Same as Degree 4 except that the additional infrastructure/complexity gives rise to synergistic/emergent effects/properties
7	Same as Degree 3 except that the additional infrastructure/complexity gives rise to synergistic/emergent effects/properties
8	Same as Degree 2 except that the additional infrastructure/complexity gives rise to synergistic/emergent effects/properties
9	Same as Degree 1 except that the additional infrastructure/complexity gives rise to synergistic/emergent effects/properties

-mç	DCF 2nd-Level Duplex Configurative Set of 1st-Level Sets
1	DSS set of first-order configurative sets X
2	DSC set of first-order configurative sets X
3	DSF set of first-order configurative sets X
4	DDS set of the first-order configurative sets X
5	DDC set of first-order configurative sets X
6	DDF set of first-order configurative sets X
7	DFS set of first-order configurative sets X
8	DFC set of first-order configurative sets X
9	DDF set of first-order configurative sets X

-nç	MCF 2nd-Level Multiplex Configurative Set of 1st-Level Sets
1	MSS set of first-order configurative sets X
2	MSC set of first-order configurative sets X
3	MSF set of first-order configurative sets X
4	MDS set of the first-order configurative sets X
5	MDC set of first-order configurative sets X
6	MDF set of first-order configurative sets X
7	MFS set of first-order configurative sets X
8	MFC set of first-order configurative sets X
9	MFF set of first-order configurative sets X

The above two affixes serve the same purpose as C_A -stacking but are limited only to the category of Configuration

-sř	DPR Dispersion or Separability of a Configurative Set (can be used for spatial or temporal contexts)
1	in total contact / contiguous mass of; pile, "ball of..." [(quasi-)permanent]
2	non-contiguous but closely connected, interlinked, each linked to adjacent via connecting medium (e.g., a web, branches, vines); cluster [(quasi-)permanent]
3	not physically connected but with immediate accessibility and knowledge of other member actions [(quasi-)permanent]
4	"virtual" association only [(quasi-)permanent]
5	scattered/sporadic - contact with nearest member possible but less possible with others (e.g., a dialect chain)
6	"virtual" association only [temporary]
7	not physically connected but with immediate accessibility and knowledge of other member actions [temporary]
8	non-contiguous but closely connected, interlinked, each linked to adjacent via connecting medium (e.g., a web, branches, vines); cluster [temporary]
9	in total contact / contiguous mass of; pile, "ball of..." [temporary]

-gř	SEP Spatio-Temporal Separability of a Configurative Set
1	Logical connectedness only (spatial)
2	Loosely integrated spatially – one positioned far away from another
3	Loosely integrated spatially – one positioned a little ways away from another
4	Well-integrated spatially – one positioned right next to or behind another
5	Both spatially and temporally well-integrated (one right after another)
6	Well-integrated temporally – one right after the other
7	Loosely integrated temporally – one a little while after the other
8	Loosely integrated temporally – one a long while after the other
9	Logical connectedness only (temporal)

-zř	SDP Subset of Duplex Set
1	first, top, front, left-hand or lead "half" of duplex set or pair (e.g., upper lip, inhale/inhalation, left hand)
2	beginning or leading "edge" of the first, top, front, left-hand or lead "half" of a duplex entity
3	middle section of the first, top, front, left-hand or lead "half" of a duplex entity
4	ending or trailing "edge" of the first, top, front, left-hand or lead "half" of a duplex entity
5	midpoint, peak, or lull between the 2 halves of a duplex set or pair
6	beginning or leading "edge" of 2nd, bottom, back, right-hand or trailing "half" of a duplex entity
7	middle section of 2nd, bottom, back, right-hand or trailing "half" of a duplex entity
8	ending or trailing "edge" of 2nd, bottom, back, right-hand or trailing "half" of a duplex entity
9	2nd, bottom, back, right-hand or trailing "half" of duplex set or pair (e.g., lower lip, exhale/exhalation, right hand)

-zv	CGL Motive/Reason for Conglomeration of Gestalt Entity
1	by being physically forced to, against the member entities' interest or will
2	by being pressured, coerced, tricked
3	by reluctant agreement
4	for pragmatic/utilitarian reasons
5	by random chance
6	by custom/societal convention/expectation
7	by nature, by natural tendency, as a natural process
8	by appointment to the task
9	by voluntary/volitional association

-rst	ITG Integrity of a Configurative Set
1	complete, whole, full [= the entirety of an expected/established/conventionalized configurative set without any members/parts/segments missing or removed]
2	functionally complete, whole, full [= members/parts/segments missing or removed from the expected/established/conventionalized set but functionality still OK]
3	nearly complete, nearly whole, nearly full [= some members/parts/segments missing or removed, possibly affecting the functionality/purpose of the whole somewhat]
4	somewhat incomplete, somewhat partial [= some members/parts/segments missing or removed, noticeably affecting the functionality/purpose of the whole]
5	partial [= members/parts/segments missing or removed from the expected/established configurative set so that the functionality/purpose/effect is compromised]
6	fairly incomplete, mostly incomplete [= members/parts/segments missing or removed so that the functionality/purpose/effect is significantly compromised]
7	incomplete, lacking [= members/parts/segments missing or removed to the extent that the functionality/purpose/effect is not achievable or possible]
8	decimated [= the integrity of the expected/established/conventionalized configurative set has been compromised to the point of unrecognizability/uselessness]
9	disorganized, unorganized, unsystematic [= no recognizable associations between members of a group of entities exist that would/could constitute a configurative set]

Examples of use: *a **full** meal, the **whole** library, a **partial** list, an **incomplete** story, **There are holes in** his account of what happened, the **decimated** platoon, An old man whose body **is falling apart**, a **partially** rebuilt city.*

Like the SPS affix earlier, the following affix can be used in conjunction with the **-üa C_A** -stacking affix to specify structures/networks/systems of increasing complexity/dynamism. For each degree below, use of Type 2 **V_XC_S** affixes indicates that the superset establishes a new gestalt (i.e., a higher-order pattern/configuration more cognitively simple or salient than the lower order pattern/configuration).

-řř	SYS Networks & Systems
1	X as an entity/element within a larger, interconnected/interdependent network of elements, the whole of which forms a niche/milieu/context/situation/setting
2	Same as Degree 1 where the complexity or natural configuration of the network establishes/constitutes a (quasi-)mechanistic system
3	Same as Degree 1 where the complexity or natural configuration of the network establishes/constitutes a dynamic/feedback-driven/self-sustaining system
4	Same as Degree 1 where the complexity or natural configuration of the network establishes/constitutes an autopoietic system
5	A feedback-driven/self-sustaining/autopoietic system based on X whose dynamism complexity generates/manifests synergistic/emergent effects/properties
6	Same as Degree 9 where the complexity or natural configuration of the network establishes/constitutes an autopoietic system
7	Same as Degree 9 where the complexity or natural configuration of the network establishes/constitutes a dynamic/feedback-driven/self-sustaining system
8	Same as Degree 9 where the complexity or natural configuration of the network establishes/constitutes a (quasi-)mechanistic system
9	an individual entity/element contextually bound to or associated with X within a larger, interconnected/interdependent network of elements, the whole of which forms a niche/milieu/context/situation/setting

-tv	SMN Semantic Network
1	semantic network of places associated with X and their (inter-)relationships to each other
2	semantic network of places and objects associated with X and their (inter-)relationships to each other
3	semantic network of objects associated with X and their (inter-)relationships to each other
4	semantic network of entities (concepts, persons, places, objects) associated with X
5	semantic network (or Fillmorean frame) associated with X, i.e., the network of entities (concepts, persons, places, objects), and their (inter-)relationships associated with X; X and all its milieu and entailments
6	semantic network of relationships to other entities associated with X
7	semantic network of persons associated with X and their (inter-)relationships to each other
8	semantic network of persons and concepts associated with X and their (inter-)relationships to each other
9	semantic network of concepts/ideas associated with X and their (inter-)relationships to each other

-ts	ERN Entity and Relationship Within A Semantic Network
1	individual concept/idea within X's semantic network
2	individual place/location within X's semantic network
3	individual object within X's semantic network
4	individual person within X's semantic network
5	individual node/entity (i.e., concept, person, place, object) within X's semantic network and its/his/her relationship(s) to other entities in the network
6	individual person associated with X's semantic network and his/her relationship to the network
7	a relationship within X's semantic network
8	individual place/location within X's semantic network and its relationship to the network
9	individual concept/idea within X's semantic network and its relationship to the network

-nh	PXM* Degree of Proximity
1	too close
2	as close as possible without contact
3	very close to
4	close to
5	somewhat close to
6	not very close to / somewhat far from
7	far from / distant from
8	very far away / very far from
9	too far away

-td	CTC* Degree of Contact
1	melded with / blended with / fused
2	inseparable(ly) / locked together / bonded
3	linked / attached / connected / joined
4	touching intimately / touching all over / flush with / in close contact with
5	in contact (with exact location/amount/intensity of touching unspecified)
6	deliberately touching at several spots or places or over a fair area
7	deliberately touching at one spot or place
8	barely touching / hardly touching at all / touching at one small spot
9	not in contact, not touching

-kc	EPP Edible or Autonomous Plant Parts/Components
1	seed/nut of X
2	(seed) pod of X
3	fruit of X
4	leaf of X
5	flower/bloom of X
6	juice of X
7	sap of X
8	rhizome/rootstalk of X
9	tuber/bulb/corm of X

-fc	SPP Structural Plant Parts
1	root of X
2	trunk of X
3	branch/limb of X
4	small branch/ branchling of X
5	twig of X
6	bark of X
7	stamen of X
8	stem of X
9	stalk of X

Meta-Level Qualification

-fš	MLR Meta-level representation/coordination/analysis
1	formal theory explaining/COORDINATING X
2	plan explaining/COORDINATING X
3	idea explaining/COORDINATING X
4	folk theory or accepted societal convention explaining/COORDINATING X
5	illustration/picture/graphic representation explaining/COORDINATING X
6	physical model explaining/COORDINATING X
7	mathematical model explaining/COORDINATING X
8	logical model explaining/COORDINATING X
9	metaphorical representation of X

-lš	DPT Depiction/Representation/Record
1	symbol/emblem/logo representing/standing for X
2	allegorical reference to X
3	stand-in/substitute/representative for X
4	symptom of X
5	representation/depiction/illustration of X
6	that which is formally titled X
7	that which bears the (nick-)name X
8	pointer to/indicator of X
9	map/blueprint/schematic diagram of X

-žř	MMA Metaphor / Metonym / Allusion
1	X is functioning metaphorically
2	X is functioning as a metonym
3	X is functioning as an analogy
4	X is functioning as an allusion
5	X is meant literally, without any metaphorical/metonymical/analogical implication
6	an allusion to X
7	an analogy to X
8	a metonym for X
9	a metaphor for X

-zd	MET Metonymic Categories
1	part for whole
2	producer for product
3	object used or owned for user/owner
4	controller for controlled
5	institution for people responsible
6	place for inhabitants/occupants
7	place for event
8	place for institution
9	attribute or characteristic for owner

-sk	CNM* Type of Container/Packaging
1	generic container(-ful) of X
2	natural or generic mass containment/formation (e.g., a loaf of bread, a lump of clay)
3	natural/inherent "container" of X, e.g., <i>lake-basin, river-channel, blood-vessel, wheat field</i>
4	pile of, heap of, load of X
5	(arranged) stack/column of X
6	satchel, pack of [= for personal conveyance/moving]
7	parcel/package containing X
8	X-ful of [+ Partitive], e.g., a roomful of clowns, a skyful of clouds, a treeful of leaves, a spoonful
9	embodiment/manifestation of abstract essence, e.g., a life form [= an embodiment of life]

-št	MCD Manufactured/Specialized Containers/Dispensors
1	basket of X
2	jar of X
3	pot of X
4	box/carton of X
5	can/tin of X
6	bottle of X
7	barrel of X
8	sealed pouch of X
9	tube or other dispenser-type container/package

-ls	MEA Means for Being or Doing
1	holder / stabilizer for being/doing X
2	mystical/magical/supernatural means for being/doing X
3	externally powered/motorized means for being/doing X
4	automated/electronic/programmed means for being/doing X
5	manually operated/manually-powered means for being/doing X
6	jury-rigged means for being/doing X
7	method/practice used for being/doing X
8	device used for being/doing X
9	rule/regulation/by-law for being/doing X

-nž	CVY Means of Transportation/Conveyance
1	holder / stabilizer for transporting/holding X
2	mystical/magical/supernatural means for transporting/holding X
3	externally powered/motorized means for transporting/holding X
4	automated/electronic means for transporting/holding X
5	manually operated/manually-powered means for transporting/holding X
6	jury-rigged means for transporting/holding X
7	method/practice used for transporting/holding X
8	device used for transporting/holding X
9	rule/regulation/by-law for transporting/holding X

-bz	FEA Featural Properties
1	functional manifestation/portion/piece of X
2	a description of X
3	a sample of X
4	a display(ing) of X
5	an instance of X
6	an aspect/characteristic/trait of X
7	a feature/function of X
8	a highlight / key feature of X
9	an example of X

-z	PLA Place/Setting Where...
1	place/setting where one learns to X
2	place/setting where one submits to / undergoes X
3	place/setting where one obtains X
4	place/setting where one stores or inventories X
5	place/setting where one keeps or shelters X
6	place/setting where one sees or views X
7	natural habitat or environment of X
8	place/setting where one deals with/ interacts with / confronts X
9	place/setting where one feels affected by X

-žč	BMP Building, Structure, or Meeting Place
1	building or commercial establishment for selling X
2	building or meeting place for conducting the profession of X
3	building or structure used for displaying X
4	building or structure used for housing X; where X abides/lives
5	building or meeting place for conducting (the practice of) X
6	building or structure used for putting on a performance of X
7	building or meeting place for guarding/preventing the escape of the inhabitant(s) X to the outside
8	building or meeting place for guarding/preventing external harm to the inhabitant(s) X
9	building or establishment for creating/working on X

-zv	KBP Basis for System of Knowledge, Belief or Practice
1	formal religion / set of religious beliefs associated with/centered on X
2	sect/cult associated with/centered on X
3	scientific discipline or field of study/research/experimentation associated with/centered on X
4	field of knowledge for scholastic study associated with/centered on X
5	(system of) philosophical belief(s) based upon or derived from X
6	(system of) political belief(s) based upon or derived from X
7	(system of) socio-economic rule(s)/practice(s) based upon or derived from X
8	(system of) social norm(s)/practice(s) based upon or derived from X
9	(system of) therapeutic/medicinal practice(s) based upon or derived from X

-vz	PSA Personal Association
1	one whose job/profession/vocation involves or is associated with X
2	one who is interested in/by X
3	one whose hobby/past-time involves or is associated with X
4	one who is obsessed with X
5	one who seeks/researches/pursues/looks for X
6	one who follows/keeps track of/keeps tabs on X
7	one who is responsible for or has oversight over X
8	one who has a stake in / is affected by their association with X
9	one who is subject to / is (potentially) affected by X

-sb	MMV Medium Via/Through/Along Which
1	via/along/across the surface of water or liquid
2	via/through water/liquid below the surface / through a volume of water/liquid
3	via/through the air parallelling the ground at (relatively) low height
4	via/through the air at a sufficient height to clear all ground objects/topography
5	via/along an indicated/marked pathway/course
6	via/along/through a channel/conduit/tunnel/tube
7	along/across the ground/surface (no particular marked or indicated pathway)
8	via/through the easiest or most convenient course between obstacles/impediments
9	moving blindly with little or no visibility or other means to discern a course nor any obstacles/impediments

-zd	ISA Infrastructural Association
1	library/archive created/built for, devoted to, or associated with X
2	transportation/shipping network for the physical conveyance/supplying of X
3	commercial establishment/store/shop created/built for, devoted to, or associated with selling/providing X
4	company/enterprise created/built for, devoted to, or associated with (selling/marketing) X
5	online/internet-based electronic/computerized network created/built for, devoted to, or associated with X
6	research facility/laboratory established to design/create/test/experiment with X
7	governmental agency/bureau/office/department created to/for or associated with X
8	multi-faceted infrastructural network created/built for, devoted to, or associated with X
9	campus devoted to or associated with X (i.e., a collection/set of buildings, facilities, labs, domiciles & infrastructure)

-vs	FNS Non-Solid Material States (liquid or malleable quasi-liquid)
1	X as liquid
2	X as goo or slime-like substance
3	X as thick, "soupy", slow-moving liquid
4	X as paste-like substance
5	X as gel-like substance
6	X as wax-like substance
7	X as clay-like substance
8	X as foamy, lather-like, suds-like substance
9	X as gas

-vš	FMS Material States/Forms (solids)
1	X as glass(-like substance)
2	X as carvable substance (like wood or soap)
3	X as chalk-like, friable substance
4	X as rock or cement-like substance
5	X as solid
6	X in natural chunks or randomly-shaped solid pieces
7	X as block-like or formed pieces
8	X as hardened/durable substance
9	X as metal(lic)

-šč	AMS Additional Material States/Forms (malleable solid)
1	X as powder or dust-like substance
2	X as fine gravel or sand-like substance
3	X as loose gravel or coarse sand-like substance
4	X as bead-like substance
5	X as flaky, scaly substance or shavings
6	X as rubber(y) or elastic substance
7	X as soft/flexible quasi-2D substance like cloth or fabric
8	X as soft/flexible 3-D substance like cotton
9	X as sponge-like (3-D resilient, depressable substance)

-př	ACS* Access Point
1	path, course, passageway or way leading into or culminating in X
2	entryway, doorway, opening, gateway, portal into X
3	controlled/regulated entryway into X, valve-like entry way into X
4	informal, makeshift passage-way into X; something used as an entry point into X
5	threshold of X; area/space where one assembles/waits/prepares to enter X
6	informal, makeshift 2-way passage-way into or out of X; something used as an access point of passage way into or out of X
7	controlled 2-way access point into and out of X, valve-like access point into/out of X
8	2-way entry/exit point, gateway, portal point of ingress/egress into and out of X
9	2-way path, course, passageway or way leading into or out of X

-zč	TRF Transformation for Use
1	Cured (transformed by natural chemical process)
2	Treated
3	Processed (transformed by artificial/man-made process)
4	Transformed via exposure to or saturation w/ other substance(s)
5	Cooked
6	Soaked/saturated/marinated with liquid(s)
7	Derived (chemically or processually) from something else
8	Fermented
9	Pickled/Brined

-jv	PRQ Prerequisite
1	the ingredients (needed) for making/creating/crafting X
2	the originating source of X
3	the initiating cause/reason for X
4	the circumstance/situation/event which does lead to X or does make X a foregone conclusion
5	the circumstance/situation/event which may lead to X or may make X a foregone conclusion
6	precursor requirement /prerequisite before X can be/happen
7	presumed circumstance or assumption underlying or forming the specific/tangible basis/foundation for X
8	assumption underlying or forming the abstract basis/foundation for X
9	abstract/intellectual/philosophical premise/idea underlying or forming the abstract basis for X

-lks	DFB Derived Foodstuff/Beverage
1	non-sweet (dry) fermented alcoholic beverage made from X
2	sweet alcoholic beverage made from X
3	non-alcoholic beverage made from
4	fermented X as foodstuff
5	recipe/dish made from/with X
6	dessert made from X
7	puree of X
8	processed/derived food product made from X (e.g., flour)
9	flavoring/seasoning made from/with X

-rkt	MLT Mealtimes
1	served/eaten as breakfast
2	served/eaten as brunch
3	served /eaten as mid-day meal (i.e., lunch, or dinner if main meal of the day)
4	served/eaten as lunchtime dessert
5	served/eaten as afternoon snack
6	served/eaten as tea or at teatime (i.e., late afternoon)
7	served/eaten as dinner/supper (i.e., evening meal)
8	served/eaten as dessert at/after/before dinner/supper
9	served/eaten as bedtime or midnight snack

-xč	CK1 Cooking Methods 1
1	sautéed; cook by sautéing X
2	stir-fried; cook by stir-frying X
3	pan-fried; cook by pan-frying X
4	seared; cook by searing X
5	deep-fried; cook by deep-frying X
6	flash-fried; cook by flash-frying X
7	grilled; cook by grilling X
8	broiled; cook by broiling X
9	roasted; cook by roasting X

-xc	CK2 Cooking Methods 2
1	steamed; cook by steaming X
2	blanched; heat/cook by blanching
3	poached; cook by poaching X
4	simmered; cook by simmering X
5	boiled; cook by boiling X
6	braised; cook by braising X
7	stewed; cook by stewing X
8	toasted; cook by toasting X
9	barbecued; cook by barbecuing

-xz	CK3 Cooking Methods 3
1	uncooked, raw; serve X raw/uncooked
2	smoked; cook by smoking X
3	cured; prepare/preserve by curing X
4	fermented; prepare by fermenting X
5	brewed; prepare by brewing X
6	pressure-cooked / pressure-steamed; cook by pressure-cooking X
7	slow-cooked in crockpot; cook by slow-cooking X in crockpot (e.g., underground or)
8	slow-cooked underground; cook by slow-cooking X underground)
9	baking; cook by baking X

NOTE: to express parboiling, parbaking, or parcooking, use the **PTT_{3/4}** affix with one of the **CK1** or **CK2** affixes above.

-čk	FMM Potential Food/Medicinal/Material Resource
1	edible as food
2	potentially edible but not used as food source
3	harmful/poisonous if eaten
4	beneficial as medicinal source
5	of unknown value as medicinal source
6	of no medicinal value
7	beneficial as source of material (e.g., for fiber, cloth, rope, weaving, material processing, etc.)
8	unknown potential as source of material (e.g., for fiber, cloth, rope, weaving, material processing, etc.)
9	valueless as source of material (e.g., for fiber, cloth, rope, weaving, material processing, etc.)

-kb	PLC Stage of Annual Plant Life-Cycle
1	planted & waiting to sprout
2	sprouting
3	budding
4	flowering/in-bloom
5	in full summer growth
6	shedding leaves
7	wilting
8	dying / withering
9	dormant for winter

-rsk	FSP Degree of Freshness or Spoilage
1	just-cut / just-made / just-out-of-the-oven
2	fresh-cut / fresh-made / fresh-from-the-oven
3	fresh
4	not fresh but edible/usable
5	only just edible or usable; on the verge of starting to spoil or go rancid
6	spoiling / going rancid
7	spoiled / rancid
8	rotten
9	rotted away

-tf	TEM Temperature
1	deep-frozen
2	frozen
3	cold
4	(too) cool
5	mild; comfortably cool or warm
6	(too) warm
7	hot
8	scorching/burning hot; sufficiently hot to bake/cook/combust
9	incinerating; sufficiently hot to burn to ashes

-žb	UDE Undesirable Entailments
1	the limitation(s) entailed by X
2	difficulty/problem entailed by X
3	hindrance/obstacle entailed by X
4	extra or undesirable effort/work/resources needed for X
5	disturbance caused by, or as a result of X
6	undesired surprise caused by, or as a result of X
7	issue/point/question raised by, or entailed by X
8	dilemma/quandary/predicament caused by, or entailed by X
9	mess/muddle/botched situation created by, or entailed by X

-tc	EML Emulation
1	what is inferred to be X; seeming X, apparent X, what must be X
2	what is assumed/presumed to be X; assumed X, presumed X
3	what is utilized as (if it were) X; de-facto X
4	what is designated as being/doing X; designated X, entity named to be X
5	what is turned into, made into X; newly-transformed X, what-once-was-not-but-now-is X
6	what is treated as being, passed off as, asserted to be X (even though it is not); so-called X
7	what would be X (if some other condition/prerequisite were true); would-be X
8	what is hoped to be X; hoped-for X
9	what is wished to be X; wished-for X

-jp	FRO Functional Role
1	X as toy
2	X as source of entertainment
3	X as memento/souvenir
4	X as decoration
5	X as gift
6	X as focus of one's attention
7	X as component/part/piece of something
8	X as object/entity being manipulated/handled/worked on
9	X as tool/utensil

-jt	SRO Subjective Role
1	X as cause/root/source/basis of a situation/state
2	X as obstacle/hindrance/hurdle
3	X as substitute/placeholder for some other dedicated/desired entity
4	X as scapegoat to be assigned blame
5	X as the result/outcome
6	X as object/entity under scrutiny/investigation
7	X as object/entity being looked for/searched for/sought/chased
8	X as object/entity/state/outcome aspired to/worked toward/pursued
9	X as solution/answer to a problem

-jk	ARO Adverse Role
1	X as cause/root/source/basis of a problem or adverse situation
2	X as source of grief/sadness/woe
3	X as source of physical pain
4	X as source/reason/basis for conflict
5	X as source/reason/basis for war
6	X as unwanted distraction; as unwanted focus of one's attention
7	X as unwanted, invasive component
8	X as object/entity that is elusive and can't be reached
9	X as weapon

-čč	IEC Identity, Equivalence, and Convertibility (the degrees of this affix follow the Stem and CTE/CSV/OBJ Specification patterns of the Copular Root -Č-)
1	ontologically the same entity as X in terms of essence, sense of identity, behavior, personality, mind, etc.
2	ontologically the same entity as X in terms of physical make-up, appearance, physical manifestation or construction
3	that which ontologically is X as its natural identity (as opposed to that of another's)
4	epistemologically the same entity as X in terms of essence, sense of identity, behavior, personality, mind, etc.
5	epistemologically the same entity as X in terms of physical make-up, appearance, physical manifestation or construction
6	that which epistemologically is X as its natural identity (as opposed to that of another's)
7	the entity epistemologically convertible to X in terms of essence, sense of identity, behavior, personality, mind, etc.
8	the entity epistemologically convertible to X in terms of appearance or outward physical manifestation or construction
9	that which X is epistemologically synonymous, tantamount, or convertible to (as opposed to something else)

Sensory Affixes

-šk	SNX Sensory Experience or Reaction
1	physical tactile feeling/sensation of touching or being touched by X (being in physical/tactile contact with X)
2	other-than-tactile sensation of witnessing/undergoing/being in the situation involving X
3	physical feeling/sensation of undergoing/being in the situation involving X
4	emotional reaction to (visually and/or aurally) witnessing X
5	emotional reaction to undergoing X
6	subjective experience of (visually and/or aurally) witnessing X (emotional, physical and post-experiential contemplative reactions)
7	subjective experience of undergoing X (emotional, physical and post-experiential contemplative reactions)
8	subjective experience of being in the situation involving X (emotional, physical and post-experiential contemplative reactions)
9	post-experiential subjective assessment / contemplative reaction to having witnessed/undergone/being involved with X

-çm	EMO* Emotion Associated with a State, Act, Event
1	feel(ing of) positive/desirable emotion associated with being or having been X'd or undergoing X
2	feel(ing of) ambivalent/complex emotion associated with being (or having been) X'd or undergoing X
3	feel(ing of) negative/undesirable emotion associated with being (or having been) X'd or undergoing X
4	feel(ing of) positive/desirable emotion associated with witnessing X
5	feel(ing of) ambivalent/complex emotion associated with witnessing X
6	feel(ing of) negative/undesirable emotion associated with witnessing X
7	feel(ing of) positive/desirable emotion associated with being/doing X
8	feel(ing of) ambivalent/complex emotion associated with being/doing X
9	feel(ing of) negative/undesirable emotion associated with being/doing X

-št	EMQ Emotional Qualification
1	I'm afraid that . . . / Unfortunately, . . .
2	I regret having to say this/inform you/announce this, but . . .
3	I fear that . . . / I have a bad feeling that . . .
4	I should've have known/anticipated that . . .
5	It is no surprise that . . . / I'm not surprised that . . .
6	I'm relieved to discover that/say/announce that . . .
7	It is my obligation/duty to announce . . .
8	It is with pleasure that I announce . . .
9	It is an honor and a privilege to announce that . . .

-šp	VSR Visible Spectral Regions
1	red(dish) (= colored or emanating light of reddish wavelengths)
2	orange(y) (= colored or emanating light of orangish wavelengths)
3	yellow(ish) (= colored or emanating light of yellowish wavelengths)
4	green(ish) (= colored or emanating light of greenish wavelengths)
5	cyan/azure (= colored or emanating light of cyan/azure wavelengths)
6	blue(ish) (= colored or emanating light of bluish wavelengths)
7	purple(ish) (= colored or emanating light of violet/purplish wavelengths)
8	magenta(ish) (= colored or emanating light of magenta-ish wavelengths)
9	white/bright/light-gray (= colored or emanating light of multiple/diffuse wavelengths essentially being a white or colorless light contrasting with a darker background)

-lj	NVS Non-Visible Spectral Regions *
1	consisting of or emanating energy in long radio wavelengths
2	consisting of or emanating energy in short radio wavelengths
3	consisting of or emanating microwaves
4	consisting of or emanating light/energy in the far infra-red wavelengths
5	consisting of or emanating light/energy in the near infra-red wavelengths
6	consisting of or emanating light in the visible spectrum
7	consisting of or emanating light/energy in the ultraviolet wavelengths
8	consisting of or emanating X-rays
9	consisting of or emanating gamma rays

* use with **-ŠP-** root to name these wavelengths as 'color'-like formatives

-lb	CLD Color Dimensions
1	pale, extra-light, -tinted, -tinged (= bright + very low saturation of hue; nearly white)
2	light-colored
3	bright-colored; intense; warm (= light + full saturation of hue)
4	dull-colored (= desaturated in hue)
5	medium-colored
6	vivid (= high saturation of a hue)
7	dim-colored (= dark + desaturated)
8	dark-colored; subdued; cool
9	deep, extra-dark (= dark + high saturation of hue)

-ňv	COL Color Attributes
1	shiny, glossy
2	luminescent, glowing
3	fluorescent
4	iridescent
5	X-colored [used with any tangible object, e.g., turmeric-colored]
6	transparent
7	translucent
8	opaque
9	dull; flat; matte

-žg	OLF* Olfactory Associations
1	having the odor of X
2	having an odor like/similar to X
3	having an odor reminiscent of X
4	having an odor that has the same effect as X
5	having an odor that has an effect similar to that of X
6	odor whose cause is attributed to X [i.e., the odor doesn't emanate from X but X is assumed/believed to have caused it]
7	odor caused by X [i.e., the odor doesn't emanate from X but has been caused by X]
8	X's apparent odor; the smell/odor that seems to be emanating from X
9	X's odor; the smell/odor emanating from X

	TCT Tactile Associations
1	having the feeling/texture of X
2	having a feeling/texture like/similar to X
3	having a feeling/texture reminiscent of X
4	having a feeling/texture that has the same effect as X
5	having a feeling/texture that has an effect similar to that of X
6	feeling/texture whose cause is attributed to X [i.e., the feeling/texture isn't of X but X is assumed/believed to have caused it]
7	feeling/texture caused by X [i.e., the feeling/texture isn't of X but has been caused by X]
8	X's apparent feeling/texture; the feeling/texture one seems to experience when touching/feeling X
9	X's feeling/texture; the feeling/texture one experiences when one touches/feels X

-žj	VIS Visual Associations
1	having the look/visual appearance of X
2	having a look/visual appearance like/similar to X
3	having a look/visual appearance reminiscent of X
4	having a look/visual appearance that has the same effect as X
5	having a look/visual appearance that has an effect similar to that of X
6	look/visual appearance whose cause is attributed to X [i.e., the look/visual appearance doesn't emanate from X but X is assumed/believed to have caused it]
7	look/visual appearance caused by X [i.e., the look/visual appearance doesn't emanate from X but has been caused by X]
8	X's apparent look/visual appearance; the look/visual appearance that X seems to have
9	X's look/visual appearance; what one sees when one looks at X

-cj	AUR Aural Associations
1	having the sound of X
2	having a sound like/similar to X
3	having a sound reminiscent of X
4	having a sound that has the same effect as X
5	having a sound that has an effect similar to that of X
6	sound whose cause is attributed to X [i.e., the sound isn't of X but X is assumed/believed to have caused it]
7	sound caused by X [i.e., the sound isn't of X but has been caused by X]
8	X's apparent sound; the sound one seems to experience when listening to X
9	X's sound; the sound one experiences when one listens to X

-sf	GST Gustatory Associations
1	having the flavor of X
2	having a flavor like/similar to X
3	having a flavor reminiscent of X
4	having a flavor that has the same effect as X
5	having a flavor that has an effect similar to that of X
6	having both a flavor and aroma reminiscent of X
7	having both the flavor and aroma like/similar to X
8	having both the flavor and aroma of X
9	X's flavor; the flavor which one tastes when one eats/chews/drinks/consumes X

-mb	MST Degree of Moisture
1	sopping/soaking/dripping wet / drenched / overflowing
2	saturated / at full capacity in terms of holding liquid
3	wet
4	somewhat wet
5	damp / moist
6	slightly damp / slightly moist
7	dry
8	bone-dry / parched
9	desiccated

Affixes Relating to Mathematics and Measurement

-sd	BAO Basic Arithmetical Operations
1	plus X
2	minus X
3	multiplied by X; times X
4	divided by X; 1/X; reciprocal of X
5	plus or minus X
6	X-Squared
7	X-Cubed
8	square-root of X
9	raised to the Xth power

-zp	SMO Secondary Mathematical Operations
1	mod X
2	absolute value of X; $ X $
3	natural logarithm of X; $\log X$ to the base e
4	to the base X [logarithmic base]
5	base-X [identifies X as the number base for counting/mathematics]
6	$i \cdot X$; X times $\sqrt{-1}$
7	...th root of X
8	inverse of X
9	X-factorial; X!

-jg	MTR Mathematical Relations
1	equals X
2	\neq ; is not equal to X
3	\approx ; is approx. equal to X
4	$>$; is greater than X
5	$<$; is less than X
6	\geq ; is no less than X
7	\leq ; is no greater than X
8	\cong ; is congruent to X
9	\propto ; is proportional to X

-zb	TGO Trigonometric Operations
1	$\sin X$
2	$\cos X$
3	$\tan X$
4	$\arcsin X$
5	$\arccos X$
6	$\arctan X$
7	$\sinh X$
8	$\cosh X$
9	$\tanh X$

-sg	NDB Non-Decimal Number Bases (affixed to the standard number roots)
1	in base-2; binary
2	in base-3; trinary
3	in base-4
4	in base-6
5	in base-8
6	in base-12
7	in base-16
8	in base-20
9	in base-60

-ng	VAM Velocity and Acceleration Measurement NOTE: Use Type-2 affix to indicate time unit squared for measurement of acceleration]
1	kilometers per hour
2	kilometers per second
3	meters per second
4	millimeters per second
5	microns per second
6	miles per second
7	feet per second
8	inches per second
9	miles per hour

-dg	ANG Angular Measurement *
1	(in) points
2	(in) hour angles
3	(in) grads
4	(in) mils
5	(in) radians
6	(in) sextants
7	(in) seconds of arc / (in) arc-seconds
8	(in) minutes of arc / (in) arc-minutes
9	(in) degrees

-rtn	LDA Linear Dimensional Measurement A *
1	(in) Planck lengths
2	(in) angstroms
3	(in) microns
4	(in) millimeters
5	(in) meters
6	(in) kilometers
7	(in) astronomical units (AUs)
8	(in) light-years
9	(in) parsecs

-rtm	LDB Linear Dimensional Measurement B *
1	(in) inches
2	(in) feet
3	(in) yards
4	(in) fathoms
5	(in) rods
6	(in) furlongs
7	(in) miles
8	(in) nautical miles
9	(in) leagues

-rtk	ARM Areal Measurement
1	(in) barns
2	(in) squares
3	(in) acres
4	(in) roods
5	(in) hectares
6	(in) square perches or sq. rods or poles
7	(in) tetrads
8	(in) townships
9	(in) myriads

-řw	VMA Volumetric Measurement A
1	(in) cubic Planck lengths
2	(in) cubic angstroms
3	(in) cubic microns
4	(in) cubic millimeters
5	(in) cubic meters
6	(in) cubic kilometers
7	(in) cubic astronomical units (AUs)
8	(in) cubic light-years
9	(in) cubic parsecs

-řy	VMB Volumetric Measurement B
1	(in) cubic inches
2	(in) cubic feet
3	(in) cubic yards
4	(in) cubic fathoms
5	(in) cubic rods
6	(in) cubic furlongs
7	(in) cubic miles
8	(in) cubic nautical miles
9	(in) cubic leagues

-řl	VMC Volumetric Measurement C
1	(in) minims
2	(in) fluid drams
3	(in) teaspoons
4	(in) tablespoons
5	(in) milliliters
6	(in) liters
7	(in) fluid ounces
8	(in) gallons
9	(in) barrels

-řfs	USM Ultra-Short Temporal Measurement *
1	in/per yocto-second(s) (10^{-24} seconds)
2	in/per zepto-second(s) (10^{-21} seconds)
3	in/per atto-second(s) (10^{-18} seconds)
4	in/per femto-second(s) (10^{-15} seconds)
5	in/per pico-second(s) (10^{-12} seconds)
6	in/per nano-second(s) (10^{-9} seconds)
7	in/per micro-second(s) (10^{-6} seconds)
8	in/per millisecond(s) (10^{-3} seconds)
9	in/per second(s) (e.g., with root -- above = Hertz)

-rns	TPM Temporal Measurement
1	in/per minute(s)
2	in/per hour(s)
3	in/per day(s) (24-hour periods)
4	in/per week(s)
5	in/per month(s)
6	in/per calendar year(s)
7	in/per decade(s)
8	in/per (human) generation(s)
9	in/per (human) lifetime(s)

-rñs	LTM Long-TermTemp. Meas.
1	in centuries/per century
2	in millenia /per millenium
3	in/per 10,000-year period(s)
4	in/per 100,000-year period(s)
5	in/per age(s) (i.e., 1 million years)
6	in/per epoch(s) (i.e., 10 million years)
7	in/per era(s) (i.e., 100 million years)
8	in/per eon(s) (i.e. 500 million years)
9	in billions of years /per billion years

-řp	EMU Energy Measurement Units
1	(in) Planck energy units
2	(in) electronvolts
3	(in) ergs
4	(in) hartrees
5	(in) joules
6	(in) therms
7	(in) calories
8	(in) thermies
9	(in) quads

-řt	FMU Force Measurement Units
1	(in) Planck force units
2	(in) dynes
3	(in) poundals
4	(in) pound-force
5	(in) newtons
6	(in) kiloponds
7	(in) sthènes
8	(in) kips
9	(in) ton-forces

-řk	PMU Pressure Measurement Units
1	(in) bars
2	(in) baryes
3	(in) pounds per square inch
4	(in) torrs
5	(in) pascals
6	(in) pièzes
7	(in) millimeters of mercury
8	(in) inches of mercury
9	(in) standard atmospheres

-řv	OEM Other Energy Measurement Units
1	(in) watts
2	(in) horsepower
3	(in) sieverts
4	(in) grays
5	(in) rads
6	(in) poises
7	(in) poiseuilles
8	(in) rayls
9	(in) janskys

-lps	MAS Measurement of Mass
1	(in) Planck masses
2	(in) daltons
3	(in) grains
4	(in) grams
5	(in) kilograms
6	(in) metric tonnes
7	(in) pounds
8	(in) (short) ton (= 2000 lbs.)
9	(in) solar masses

-šj	TMS Temperature Measurement System
1	(in) Planck temperature / (in) T_p
2	(in) degrees Newton / (in) °N
3	(in) degrees Celsius / (in) °C
4	(in) degrees Rankine / (in) °R
5	(in) kelvins
6	(in) degrees Delisle / (in) °D
7	(in) degrees Fahrenheit / (in) °F
8	(in) degrees Rømer / (in) °Rø
9	(in) degrees Réaumur / (in) °Ré

-gc	EMA Electro-Magnetic Measurement A
1	(in) amperes
2	(in) franklins
3	(in) volts
4	(in) farads
5	(in) coulombs
6	(in) unit poles
7	(in) webers
8	(in) maxwells (or lines)
9	(in) henrys

-gč	EMB Electro-Magnetic Measurement B
1	(in) ohms
2	(in) ampere-turns
3	(in) siemens (or mhos)
4	(in) gilberts
5	(in) teslas
6	(in) nepers
7	(in) darafs (i.e., reciprocal of farad)
8	(in) oersteds (i.e., amperes per meter)
9	(in) ohm meters

-gz	EMC Electro-Magnetic Measurement C
1	(in) volts per meter
2	(in) newtons per coulomb
3	(in) coulombs per sq. meter
4	(in) coulombs per cu. meter
5	(in) amperes per sq. meter
6	(in) siemens per meter
7	(in) farads per meter
8	(in) henrys per meter
9	(in) coulombs per kilogram

-fz	LOA Luminance & Optics A
1	(in) candelas
2	(in) candle-powers
3	(in) lumens (= candela steradians)
4	(in) foot-candles
5	(in) lux
6	(in) nits (= candelas per square meter)
7	(in) talbots
8	(in) rayleighs
9	(in) lux seconds

-fj	LOB Luminance & Optics B
1	(in) lumens per square meter
2	(in) lumen seconds per cubic meter
3	(in) lumens per watt
4	(in) lamberts
5	(in) foot-lamberts
6	(in) stilbs
7	(in) diopters
8	(in) skots
9	(in) brils

-fĉ	DMU Density-Related Measurement Units
1	(in) moles
2	(in) International Units (IU)
3	(in) katal (= moles per second)
4	(in) moles per cubic meter
5	(in) joules per mole
6	(in) molar volumes (= cubic meter per mole)
7	(in) molals (= mole per kilogram)
8	(in) joules per kelvin mole
9	(in) siemens times sq. meter per mole

-ŝf	CUA Currency A
1	Chinese yuan
2	Russian ruble
3	British pound
4	Canadian dollar
5	euro
6	Indian rupee
7	Japanese yen
8	Brazilian real
9	U.S. dollar

-cf	CUB Currency B
1	Mexican peso
2	Swiss franc
3	Turkish lira
4	Chilean peso
5	Australian dollar
6	Swedish krona
7	Indonesian rupiah
8	Saudi riyal
9	South Korean won

-ĉf	CUC Currency C
1	Thai baht
2	South African rand
3	New Zealand dollar
4	Bitcoin
5	currency used by X
6	Israeli new shekel
7	Polish zloty
8	Singapore dollar
9	Malaysian ringgit

Coordinative and Connective Affixes

-ň	COO Coordinative/Additive
1	...and (in a quasi-sequential series, with topic in common [as well as main verb if a subsequent main verb is missing]): <i>Sam <u>visited</u> Clara and (then/subsequently visited) Jane every Sunday; <u>Sam</u> visited Clara and [Sam then/subsequently] danced with Jane every Sunday.</i>
2	...and (in a quasi-sequential series, with all morphology in common with first member of series other than as non-default marked or differently-marked than first member): <i>When Sam shopped for toys, he looked at (AGG sets of miniature replica) cars, soldiers, animals, and marbles-DCT [i.e., all items were AGG sets of miniature-replicas, except the marbles which were a look-alike DCT set].</i>
3	...and (in a quasi-sequential series where verb participants are in common but case relationships are not and must be inferred) <i>He saw, entered, and conquered the city.</i>
4	...and (in a quasi-sequential series, with no assumed commonality of morphology between sequential referents, i.e., X + Y + Z...) <i>Sam attended college and Jeff broke his wrist.</i>
5	[same as Degree 4 except neutral/unspecified as to whether X is simultaneous vs. subsequent to a previous referent; as such, it can be utilized as an equivalent to English neutral (i.e., ambiguous) “and” where simultaneity/concurrency vs. sequentiality is unspecified, or irrelevant.
6	...and (at the same time, with no assumed commonality of morphology between referents, i.e., X + Y + Z...) <i>Sam attended college and concurrently Jeff broke his wrist.</i>
7	...and (at the same time where verb participants are in common, but case relationships are not and must be inferred) <i>He simultaneously saw, entered, and conquered the city.</i>
8	...and (at the same time, with all morphology in common with first member of series other than as non-default marked or differently-marked than first member)
9	...and (at the same time, with topic in common [as well as main verb if a subsequent main verb is missing]): <i>Sam <u>visited</u> Clara and (simultaneously/concurrently visited) Jane every Sunday; <u>Sam</u> visited Clara and [Sam simultaneously/concurrently] danced with Jane every Sunday.</i>

-ř	IOR Inclusive “OR”
1	...and/or (quasi-sequentially, with topic in common [as well as main verb if a subsequent main verb is missing]): <i>Sam either visited Clara or ([subsequently] visited) Jane every Sunday or both; Sam visited Clara or [Sam (subsequently)] danced with Jane every Sunday or both.</i>
2	...and/or (quasi-sequentially, with all morphology in common with first member of series other than as non-default marked or differently-marked than first member)
3	...and/or (quasi-sequentially where verb participants are in common, but case relationships are not and must be inferred) <i>He either saw, entered, or conquered the city or all three.</i>
4	...and/or (quasi-sequentially, with no assumed commonality of morphology between referents) <i>Sam either attended college or Jeff broke his wrist or both.</i>
5	[same as Degree 4 except unknown/unspecified/irrelevant as to whether both referents occur simultaneously/concurrently if, in fact, both referents occur.]
6	[same as Degree 4 but with both referents occurring simultaneously/concurrently if, in fact, both referents occurred.]
7	[same as Degree 3 but with both referents occurring simultaneously/concurrently if, in fact, both referents occurred.]
8	[same as Degree 2 but with both referents occurring simultaneously/concurrently if, in fact, both referents occurred.]
9	[same as Degree 1 but with both referents occurring simultaneously/concurrently if, in fact, both referents occurred.]

-mř	PXR Partially Exclusive “OR” [where there are 3 or more coordinative referents]
1	[same as COO/1 affix above, but with partially exclusive “or”, where, among three or more referents, 2 or more of the referents may quasi-sequentially occur, but not all of them]
2	[same as COO/2 affix above, but with partially exclusive “or”, where, among three or more referents, 2 or more of the referents may quasi-sequentially occur, but not all of them]
3	[same as COO/3 affix above, but with partially exclusive “or”, where, among three or more referents, 2 or more of the referents may quasi-sequentially occur, but not all of them]
4	[same as COO/4 affix above, but with partially exclusive “or”, where, among three or more referents, 2 or more of the referents may quasi-sequentially occur, but not all of them]
5	[same as COO/5 above, but with partially exclusive “or”, where, among three or more referents, 2 or more of the referents may occur, but not all of them, where simultaneity vs. sequentiality of the referents is either unknown, unspecified, or irrelevant]
6	[same as Degree 4 but with the referents occurring simultaneously/concurrently if, in fact, more than 1 referent occurs.]
7	[same as Degree 3 but with the referents occurring simultaneously/concurrently if, in fact, more than 1 referent occurs.]
8	[same as Degree 2 but with referents occurring simultaneously/concurrently if, in fact, more than 1 referent occurs.]
9	[same as Degree 1 but with the referents occurring simultaneously/concurrently if, in fact, more than 1 referent occurs.]

-ps	XOR Exclusive “Or” and Contrastive Adverbials
1	“xor” (with topic in common[as well as main verb if a subsequent main verb is missing]): <i>Sam either visited Clara or ([subsequently] visited) Jane every Sunday, but not both; Sam visited Clara or [Sam (subsequently)] danced with Jane every Sunday (but not both).</i>
2	“xor” (with all morphology in common with first member of series other than as non-default marked or differently-marked than first member)
3	“xor” (where verb participants are in common, but case relationships are not and must be inferred) <i>He either saw, entered, or conquered the city (but only did one of these).</i>
4	“xor” (with no assumed commonality of morphology between referents) <i>Sam either attended college or Jeff broke his wrist (but only one or the other occurred).</i>
5	but [= on the contrary, X]
6	but (rather) [= substituting X]; “X, instead”
7	or X, else X [= “otherwise, X”, “if not that, then X”]
8	or X [= and interchangeable with]
9	...or something (else), ...or whatever (else)

-lř	ADT Adverbial Additives
1	X, too / also, X / additionally, X / ...as well
2	...and furthermore, X / ...and what's more, X / ...and moreover, X
3	X and so forth / X and so on / X and all that / X and whatever else
4	...as well as something else / ...as well as other things, too
5	...and (as a simultaneous/concurrent consequence of the preceding)...
6	...as well as [at the same time] something else / ...as well as other things, too
7	X and so forth [at the same time] / X and so on [at the same time] / X and [at the same time] all that / X and whatever else [at the same time]
8	...and furthermore, X [at the same time] / ...and [at the same time] what's more, X / ...and [at the same time] moreover, X
9	X, too [at the same time] / also, X [at the same time] / additionally, X [at the same time] / ...as well [at the same time] = "in addition to what's been previously stated about the referent, X also applies simultaneously/concurrently to that referent"

-l	CTR Adverbial Contrastiveness
1	but, yet, still [= nevertheless = despite the aforementioned]
2	X, however...; X, on the other hand...; as an exception to the aforementioned, X...
3	besides, X [= in addition to the aforementioned, X]; not just the aforementioned, but also X
4	X notwithstanding, ignoring X for the moment, without taking X into account; aside from X; with the exception of X
5	except (for) X; but (not) X; excluding X
6	even X; or even X; X still (e.g., thicker still)
7	not even X
8	focusing exclusively on X, taking only X into account for the moment, in reference solely to X, in regard only to X, as for X alone
9	exclusive to X; only applying to X; (as) applicable only to X

A negative XOR coordinative/connective "neither...nor" exists within the redesigned Negation Affix below.

-jř	DST Distributive Coordination
1	applying to each equally [unfairly]
2	applied selectively by decision/preference [unfairly]
3	respectively (=to each) but in differing amounts [unfairly]
4	selectively at random [unfairly]
5	respectively [= applied in the sequentially spoken order]
6	selectively at random [fairly]
7	respectively (=to each) but in differing amounts [fairly]
8	applied selectively by decision/calculation [fairly]
9	applying to each equally [fairly]

Grammatical Affixes

-r	NEG Negation and Negative Coordinatives/Connectives
1	emphatic relative negation contrary to expectation: on the contrary, ... is not/does not X at all!; no X whatsoever (despite any assertion otherwise)!
2	emphatic relative negation: ... is not/does not X at all!; no X whatsoever!
3	relative negation contrary to expectation: on the contrary, ... is not/does not X; no X (despite any assertion otherwise)
4	relative negation: ... is not/does not X; no X
5	neither the preceding nor X; none of the preceding nor X
6	absolute negation: ... is not/does not X; no X
7	absolute negation contrary to expectation: on the contrary, ... is not/does not X; no X whatsoever.
8	emphatic absolute negation: ... is not/does not X at all!; no X whatsoever!
9	emphatic absolute negation contrary to expectation: on the contrary, ... is not/does not X at all!; no X whatsoever (despite any assertion otherwise)!

The DPC Affix

Related to coordinatives and connectives, is the association between dependency clauses and contingency clauses, or “if...then” constructions. I have analyzed the semantics of Ithkuil’s DEPENDENT, PROVISIONAL, and POSTULATIVE cases, as well as the successor language’s proposed IRRESPECTIVE case (“whether or not X”). These cases all have an underlying semantic commonality expressible by the phrase ‘...*if the circumstances regarding X are such to allow/warrant it*’ where the final “it” refers to the original contingency noun/phrase whose existence/occurrence is (at least in part) determined by or contingent upon the dependency phrase. It strikes me that in most communicative circumstances, such a generalized “if...” clause should be sufficient in itself to convey the desired notion of dependency.

So rather than force the speaker into semantic nuances differentiating this common dependency phrase into four distinct noun cases, it seems better to allow such nuances to be expressed optionally by a V_xC_S affix applied to a single, more general noun case. I am therefore collapsing Ithkuil's DEPENDENT, PROVISIONAL, and POSTULATIVE cases and the successor language's IRRESPECTIVE case into one single DEPENDENT case, which will then utilize the following optional affix to distinguish the semantic relationship between the dependency noun/phrase and the contingency noun/phrase.

-ck	DPC Dependent Circumstances (specifies the nature of the dependency signified by the redesigned DEPENDENT case)
1	<p>The contingency clause will only take place if the dependent noun/clause is true, but will not take place if the dependency noun/clause is false. e.g.,</p> <ul style="list-style-type: none"> • <i>Break the glass only in case of fire.</i> • <i>She'll come to the party only if Oswaldo the Clown is there.</i>
2	<p>The contingency clause will take place if the dependent noun/clause is true, but will not take place if the truth value of the dependency noun/clause is unknown, e.g.,</p> <ul style="list-style-type: none"> • <i>I'll break the glass only if I'm certain there's a fire [i.e., I will not break it if I'm unsure whether there's a fire or not].</i> • <i>If Oswaldo the Clown is there, she'll attend</i> (i.e., if it is unknown whether Oswaldo't there, she will not attend).
3	<p>The contingency clause will take place if the dependent noun/clause is true, but it is unknown/uncertain if it will take place if the truth value of the dependency noun/clause is unknown, e.g.,</p> <ul style="list-style-type: none"> • <i>I'll break the glass in case there's a fire [i.e., but I don't know whether I'll break it if I'm unsure whether there's a fire or not].</i> • <i>If Oswaldo the Clown is there, she'll attend</i> (i.e., if it is unknown whether Oswaldo't there, she may not attend).
4	<p>The contingency clause will take place if the dependent noun/clause is true, but it is unknown/uncertain if it will take place if the dependency noun/clause is false, e.g.,</p> <ul style="list-style-type: none"> • <i>I'll break the glass if there's a fire [but I may also break it even if there isn't a fire].</i> • <i>If Oswaldo the Clown is there, she'll attend</i> (i.e., if he isn't there, it is unknown whether she'll attend or not). <p>[Note the following two "inverse" examples where the dependency clauses are negatives, i.e., 'if it does not rain' and 'if Oswaldo isn't there']:</p> <ul style="list-style-type: none"> • <i>We'll go for a walk, depending on the rain (i.e., if it doesn't rain we'll walk, but if it does rain, we may still walk or may decide not to walk).</i> • <i>She'll attend if Oswaldo the Clown is not there, but may or may not attend if he is there.</i>
5	<p>The contingency clause will take place regardless of whether the dependent noun/clause is true or false, e.g.,</p> <ul style="list-style-type: none"> • <i>Break the glass whether or not there's fire.</i> • <i>She'll attend the party regardless of whether Oswaldo the Clown is there.</i>
6	<p>The contingency clause will take place if the dependent noun/clause is true, and will not take place if the dependency is false, but it is unknown/uncertain if it will take place if the truth value of the dependency noun/clause is unknown, e.g.,</p> <ul style="list-style-type: none"> • <i>I'll break the glass in case there's a fire [i.e., and will not break it if there's no fire, but I don't know if I'll break it if I'm unsure whether there's a fire or not].</i> • <i>If Oswaldo the Clown is there, she'll attend</i> (i.e., and will not attend if he's not there, but if it is unknown whether Oswaldo't there, she may not attend).

7	<p>The contingency clause will take place if the dependent noun/clause is true or if it is unknown/uncertain, but will not take place if the dependency is false, e.g.,</p> <ul style="list-style-type: none"> • <i>I'll break the glass in case there's a fire</i> [i.e., I'll break it if there's a fire or if I'm uncertain whether there's a fire, but will not break it if I know there is no fire]. • <i>If Oswaldo the Clown is there, she'll attend</i> (i.e., she'll attend if he's there or if she doesn't know if he's there, but won't attend if she knows he's not there).
8	<p>Likelihood of the contingency clause taking place is unknown/unpredictable because the dependent noun/clause's truth value is unknown/unpredictable, e.g.,</p> <ul style="list-style-type: none"> • <i>She may show up depending on her attitude.</i> • <i>Her attending the party depends upon Oswaldo the Clown being there</i> (however, it is unknown whether it is Oswaldo's presence or his absence that determines whether she attends).
9	<p>The contingent clause represents only a precautionary/preparatory measure because the dependent noun/clause's truth value is unknown/unpredictable, e.g., <i>We have umbrellas in case of rain. She's carrying a gun in case Oswaldo the Clown is there.</i></p>

The following chart more systematically illustrates the distinctions between the nine degrees of the affix:

The contingency		If the Dependency Value is . . .				If the Dependency Value is . . .		
		true	unknown	as desired by contingency party		true	false	unknown
1	occurs	x			but will not occur		x	
2	occurs	x			but will not occur			x
3	occurs	x			and/but may (not) occur			x
4	occurs	x			and/but may (not) occur		x	
5	occurs	x			and will also occur		x	
6	occurs	x			but may (not) occur if dependency uncertain, and will not occur		x	
7	occurs	x	x		but will not occur		x	
8	occurs			x	however, dependency value is unknown to speaker			
9	occurs		x		as a precaution			

Note there are no negative values for the contingency clauses listed, i.e., “X will NOT occur if...”. Such negative contingencies are expressed by simple negation of the contingency phrase. Similarly, the dependency clause (expressed in the DEPENDENT case) may also be negated if semantically required.

The best feature of the new DEPENDENT case is that one can normally use it without the DPC affix to say in general *I'll come, depending on what day of the week it is*, or, if necessary, specify the nature of the dependency by using the DPC affix, e.g., *I'll come but only if it's a certain day of the week*.

-čř	AFM Degree of Affirmation
1	emphatic relative affirmation contrary to expectation: on the contrary... does (too) / is (too)
2	emphatic relative affirmation: does indeed / is indeed / most certainly does/is / truly is/does / really is/does
3	relative affirmation contrary to expectation
4	relative affirmation
5	yes to the preceding and X; yes to all and also X
6	absolute affirmation
7	absolute affirmation contrary to expectation
8	emphatic absolute affirmation: does indeed / is indeed / most certainly does/is
9	emphatic absolute affirmation contrary to expectation: on the contrary... does (too) / is (too)

-č	SWR Switch Reference & Obviative Specification
1	nearest preceding referent
2	2nd to nearest preceding referent
3	3rd party not previously mentioned
4	referring to sentence focus
5	first referent mentioned
6	referring to sentence topic
7	3rd party non-transrelative referent
8	2nd order transrelative referent
9	higher order transrelative referent

-n	TPF Topic, Frame and Focus
1	[end of frame]
2	[end of frame + head of relative clause]
3	[head of relative clause]
4	[sentence topic + head of relative clause]
5	[sentence topic]
6	[sentence topic + end of frame]
7	[sentence focus + end of frame + head of rel. clause]
8	[sentence focus + end of frame]
9	[sentence focus]

-rks	CPP Capacity As Patient
1	very easily X'd; very readily X'd [i.e., easy for another as Agent to perform/commit/initiate/establish an act/state of X upon one as Patient]
2	fairly/rather easily X'd; fairly readily X'd
3	not too difficult to be X'd; somewhat easily X'd
4	somewhat difficult to be X'd; not too easily X'd
5	difficult to be X'd
6	rather/quite difficult to be X'd
7	extremely difficult to be X'd
8	almost impossible to be X'd
9	impossible for one to be X'd

-lč	SIA Status of Inferred Arguments
1	Only explicitly stated arguments are implied; no unstated arguments should be inferred
2	Only logically required arguments are implied or should be inferred (e.g., a STIMULUS for a state of external sensory input, a RECIPIENT for an act of transferring possession); unstated arguments that are logically unnecessary but possible should not be inferred
3	Logically required arguments should be inferred; logically unnecessary but possible arguments (e.g., INSTRUMENTAL, SITUATIVE, DEPENDENT, or Temporal) may be inferred
4	Logically unnecessary but possible arguments may be inferred; logically required arguments are ONLY those explicitly stated
5	OK to infer an affective STIMULUS only; no other unstated arguments implied
6	OK to infer an ERG or EFF agent only; no other unstated arguments implied
7	OK to infer a temporal context/argument plus any logically required arguments
8	OK to infer an INSTRUMENTAL argument plus any logically required arguments
9	OK to infer a SITUATIVE or a DEPENDENT argument (i.e., a context describable via the SITUATIVE or DEPENDENT case or case-frame) plus any logically required arguments

-ñç	VRF Verifiability of Info & Trustworthiness of its Source
1	source trustworthy, info verifiable
2	source trustworthy, verifiability of info unknown
3	source trustworthy, info not verifiable
4	trustworthiness of source unknown, but info verifiable
5	trustworthiness of source unknown, and verifiability of info unknown
6	trustworthiness of source unknown, and info not verifiable
7	source untrustworthy, but info verifiable
8	source untrustworthy, and verifiability of info unknown
9	source untrustworthy, and info not verifiable

-čt	IPC Unforeseen Implication Contrary to Expectation
1	This means or implies... / ...which means or implies... / ...therefore follows by implication / It follows by implication that...
2	Nevertheless, . . .
3	anyway... / at any rate...
4	at (the very) least...
5	by the way... / just to mention...
6	Not to change the subject, but... / Sorry to change the subject, but...
7	as a matter of fact...
8	'well, what do you know...' / '....after all (who would've guessed?)'
9	like it or not... / well, as much as we didn't want to believe it could happen...

-m	EFE Effect of Statement
1	(potentially) beneficial to the speaker
2	(potentially) beneficial to the listener/addressee
3	(potentially) beneficial to a 3rd party
4	(potentially) beneficial to the formative to which this affix is attached
5	effect unknown or yet to be determined
6	(potentially) detrimental to the formative to which this affix is attached
7	(potentially) detrimental to a 3rd party
8	(potentially) detrimental to the listener/addressee
9	(potentially) detrimental to the speaker

-ňt	APP Appraisal of Outcome/Effect
1	...and that's the way it HAS to be / ...and it can't be any other way
2	...and that's the way it's supposed to be / ...and that's the way it works
3	...and that's acceptable / ...and that'll work well enough
4	...and even if it's not supposed to be that way, we'll find a way to make it work
5	unknown or irrelevant if it's okay that way
6	...but we'll see if it can work that way / ...but I'm unsure if it'll work that way
7	...and it's going to be a problem / ...but there's a problem
8	...but it shouldn't be like that / ... but it's not supposed to be like that
9	...but it's all wrong / ... but it won't work

-řž	LVL	Alternate forms of Comparison Operators (Levels) *
1	MIN	MINIMAL
2	SBE	SUBEQUATIVE
3	IFR	INFERIOR
4	DFC	DEFICIENT
5	EQU	EQUATIVE
6	SUR	SURPASSIVE
7	SPL	SUPERLATIVE
8	SPQ	SUPEREQUATIVE
9	MAX	MAXIMAL

* Type-1 affixes indicate relative comparison; Type-2 affixes indicate absolute comparison

-lc	COS	Comparison Specifications (Used with Levels)
1		"more"/"less" = extent/amount/volume
2		"harder"/"weaker" = degree of intensity or effort
3		"longer"/"shorter" = duration; time spent being/doing
4		"better"/"worse" = quality / style
5		"more efficiently"/"less efficiently" = effort relative to outcome
6		"greater"/"poorer" = relevant outcome / bottom-line result
7		combination of 4, 5, and 6
8		combination of 1, 2, and 3
9		combination of 1 through 6

-mt	SCL Standards for Comparison for Use with Levels Applied to the "Y" noun to which something is compared (the "than Y"). The "Y" noun is declined into the COMPARATIVE Case.
1	where X was previously less M (or M 'd less) than Y
2	where X was previously more M (or M 'd more) than Y
3	where X is still less M (or M 's less) than Y
4	where X is still more M (or M 's more) than Y
5	where X is now less M (or M 's less) than Y
6	where X is now more M (or M 's more) than Y
7	where X was previously as M (or M 'd as much) as Y
8	where X 's previous state of M-ness (or level of M-ing) relative to Y is unknown
9	where X 's previous state of M-ness (or level of M-ing) relative to Y is inapplicable or irrelevant

-lk	VWP From Viewpoint/Perspective of
1	from viewpoint/perspective of speaker
2	from viewpoint/perspective of 3rd party visible/near to speaker
3	from viewpoint/perspective of the last-mentioned argument/referent
4	from viewpoint/perspective of a party other than one under discussion
5	from viewpoint/perspective of an as-yet-undetermined 3rd party
6	from viewpoint/perspective of 3rd party under discussion
7	from viewpoint/perspective of the first-mentioned argument/referent
8	from viewpoint/perspective of 3rd party visible/near to listener
9	from viewpoint/perspective of listener

-zř	ROC Result / Outcome / Consequences
1	the result/impact/effect on the ERG/EFF Agent from (performing/doing) X
2	the result/impact/effect on the ABS Patient from (performing/doing) X
3	the result/impact/effect on the AFF Recipient from (performing/doing) X
4	the result/impact/effect on the THM argument from (performing/doing) X
5	the result/impact/effect on the INS argument (tools, implements) from (performing/doing) X
6	the result/impact/effect on the CSM argument (resources, consumables) from (performing/doing) X
7	(a piece/instance/amount of) the resulting physical by-product from (performing/doing/finishing) X
8	the resulting tangible product from (performing/doing/finishing) X
9	the overall circumstances/situation resulting from (performing/doing) X

-ct	SQP Sequential Participation
1	first one, then the other, and so on / alternating between each party / back and forth
2	first one, then the one next to or alongside the first, and so on
3	first one, then the one across/opposite/facing the first
4	first the primary party, then the secondary party, then the tertiary party, and so on
5	alternating between the parties in an agreed-upon/conventionalized/discernible/regular pattern
6	alternating between the parties in a complex pattern (apparently) known to the participating parties
7	alternating between the parties in what seems a random pattern but is actually non-random
8	alternating between the parties in what starts as a random pattern but develops to be non-random
9	alternating randomly between the participating parties

-sj	HG1 Linguistic Hedges (1st group)
1	Technically speaking... / Context aside for a moment, ...
2	for all practical purposes / to all intents and purposes / practically / virtually/all but technically
3	sort of / kind of
4	strictly speaking (= to put it in clinical terms...)
5	essentially / in essence / basically
6	(what) might as well be
7	in one sense / on the one hand
8	in some sense
9	par excellence

-zj	HG2 Linguistic Hedges (2nd group)
1	in a manner of speaking , in a sense / in a way
2	'in other words...' , 'to put it more exactly....'
3	more of a ___ than anything else
4	(what can be looked at (as) / (what) can be viewed as / (what) one thinks of (as) / one might say that
5	loosely speaking
6	so-called
7	in name only
8	so to say, so to speak
9	for all I know / for all one knows

-mc	AP1 Aspects I
1	RTR RETROSPECTIVE
2	PRS PROSPECTIVE
3	HAB HABITUAL
4	PRG PROGRESSIVE
5	IMM IMMINENT
6	PCS PRECESSIVE
7	REG REGULATIVE
8	SMM SUMMATIVE
9	ATP ANTICIPATORY

-mč	AP2 Aspects II
1	RSM RESUMPTIVE
2	CSS CESSATIVE
3	PAU PAUSAL
4	RGR REGRESSIVE
5	PCL PRECLUSIVE
6	CNT CONTINUATIVE
7	ICS INCESSATIVE
8	EXP EXPERIENTIAL
9	IRP INTERRUPTIVE

-mç	AP3 Aspects III	
1	PMP	PREEMPTIVE
2	CLM	CLIMACTIC
3	DLT	DILATORY
4	TMP	TEMPORARY
5	XPD	EXPENDITIVE
6	LIM	LIMITATIVE
7	EPD	EXPEDITIVE
8	PTC	PROTRACTIVE
9	PPR	PREPARATORY

-mj	AP4 Aspects IV	
1	DCL	DISCLUSIVE
2	CCL	CONCLUSIVE
3	CUL	CULMINATIVE
4	IMD	INTERMEDIATIVE
5	TRD	TARDATIVE
6	TNS	TRANSITIONAL
7	ITC	INTERCOMMUTATIVE
8	MTV	MOTIVE
9	SQN	SEQUENTIAL

-bç	NCD Non-Default Context + Non-Default Perspective	
1	FNC FUNCTIONAL	POLYADIC
2		NOMIC
3		ABSTRACT
4	RPS REPRESENTATIONAL	POLYADIC
5		NOMIC
6		ABSTRACT
7	AMG AMALGAMATIVE	POLYADIC
8		NOMIC
9		ABSTRACT

-gç	NCE Non-Default Context + Essence (+ POLYADIC Perspective)	
1	FNC FUNCTIONAL	NRM NORMAL Essence
2		RPV REPRESENTATIVE Essence
3		RPV Essence + POLYADIC Perspective
4	RPS REPRESENTATIONAL	NRM NORMAL Essence
5		RPV REPRESENTATIVE Essence
6		RPV Essence + POLYADIC Perspective
7	AMG AMALGAMATIVE	NRM NORMAL Essence
8		RPV REPRESENTATIVE Essence
9		RPV Essence + POLYADIC Perspective

-gj	SNC Sanction		
1	PPS	PROPOSITIONAL	statement is an ontological assertion based on ontological fact
2	EPI	EPISTEMIC	statement is an epistemic assertion based on conventional (culturally agreed-upon) fact
3	ALG	ALLEGATIVE	statement is an allegation expressing one's belief, subject to rebuttal or refutation
4	IPU	IMPUTATIVE	statement is a rebuttable presumption (i.e., to be assumed true until proven otherwise)
5	RFU	REFUTATIVE	statement is a rebuttal/refutation based on epistemic knowledge
6	REB	REBUTTATIVE	statement is a rebuttal/refutation based on ontological fact
7	CJT	CONJECTURAL	statement is a conjecture/theory/hypothesis that is testable/verifiable
8	EXV	EXPATATIVE	statement is a conjecture/theory/hypothesis that is not presumably testable/verifiable
9	AXM	AXIOMATIC	statement is a conclusive presumption not rationally debatable

-bž	PHS Phase	
1	PCT	PUNCTUAL
2	ITR	ITERATIVE
3	REP	REPETITIVE
4	ITM	INTERMITTENT
5	RCT	RECURRENT
6	FRE	FREQUENTATIVE
7	FRG	FRAGMENTATIVE
8	VAC	VACILLATIVE
9	FLC	FLUCTUATIVE

-st	AVP Misc. Adverbial Phrases (formerly APT)
1	yet, still
2	'even' (e.g., "I don't even like them") = to the slightest extent contrary to expectation
3	Contemplative: upon reflection/ in hindsight
4	upon deep introspection / following careful consideration or meditation on the matter
5	on first blush / at first / upon initial impression / [my] first thought is/was...
6	natural(ly) / obvious(ly) / clear(ly) [in terms of naturalness, not blatancy]
7	clear (case of); clearly / certainly / indeed [in negative sentences = no way / at all]
8	as luck would have it / as it so happens... / it just so happens that...
9	moreover; and what is more...

-zk	VAL Valence	
1	MNO	MONOACTIVE
2	PRL	PARALLEL
3	CRO	COROLLARY
4	RCP	RECIPROCAL
5	CPL	COMPLEMENTARY
6	DUP	DUPLICATIVE
7	DEM	DEMONSTRATIVE
8	CNG	CONTINGENT
9	PTI	PARTICIPATORY

-nl	IVE Illocution + Validation + Expectation				
degree	Illocution	Validation	Type-1 = COG Expectation	Type-2 = RSP Expectation	Type-3 = EXE Expectation
1	ASR Assertive	OBS Observational	a	ai	ia / oä
2		REC Recollective	ä	au	iä / uä
3		PUP Purportive	e	ei	ie / oë
4		RPR Reportive	ï	eu	ië / uë
5	PFM Performative		i	ëi	ëu
6	ASR Assertive	IMA Imaginary	ö	ou	uö / iö
7		CVN Conventional	o	oi	uo / io
8		ITU Intuitive	ü	iu	ue / eö
9		INF Inferential	u	ui	ua / aö

NOTE: Use Degree 0 of this affix to convey unspecified Validation in conjunction with ASR Illocution + one of the 3 Expectations

	Case-Accessor Affix						Inverse Case-Accessor Affix						Case-Stacking Affix				
	Type-1		Type-2		Type-3		Type-1		Type-2		Type-3		V_x = Series No.	C_s			
	V_x = Series No.	C_s	V_x = Series No.	C_s	V_x = Series No.	C_s	V_x = Series No.	C_s	V_x = Series No.	C_s	V_x = Series No.	C_s					
Cases 1 thru 9	1	sw	1	zw	1	čw	1	šw	1	žw	1	jw	1	lw			
Cases 10 thru 18	2		2		2		2		2		2		2		2	2	2
Cases 19 thru 27	3		3		3		3		3		3		3		3	3	3
Cases 28 thru 36	4		4		4		4		4		4		4		4	4	4
Cases 37 thru 44 *	1	sy	1	zy	1	čy	1	šy	1	žy	1	jy	1	ly			
Cases 45 thru 52 *	2		2		2		2		2		2		2		2	2	2
Cases 53 thru 60 *	3		3		3		3		3		3		3		3	3	3
Cases 61 thru 68 *	4		4		4		4		4		4		4		4	4	4

* For Cases 37 through 68: since these four case-groups each contain only eight cases rather than nine and Vowel-Form No. 8 (the ü-tier) for each group is not used, similarly the eighth tier of vowel-forms are not used for these case-accessor or case-stacking affixes.

-sv	PTN Potential
1	whatever X is / whatever X may be
2	whatever X was or may have been (but is no more)
3	whatever X will be or may become (but is not yet)
4	...or something like/similar to X in function, purpose, or consequence
5	...or something like/similar to X in appearance/description
6	and whatever else X may be(come)
7	and whatever else X entails or carries with it as a consequence
8	which(ever) X (it is or may be) [i.e., of a known/limited number of possible identifications available to assign to X, the one identification that actually is (chosen as) X]
9	what(ever) X (it is or may be) [i.e., of an unknown number of possible identifications one might/could assign to X, the one identification that actually is (chosen as) X]

Affixes for Biological Genera, Species and Sub-Species Differentiaion

The following affixes are normally used with the quasi-taxonomic roots/stems denoting biological life-forms, for purposes of designating specific genera, species, or sub-species associated with the particular root/stem. However, the affixes are not limited to this usage and may also be used in other contexts as appropriate.

-zč	PG1 Physical Features Based on Geography 1 for Species or Sub-Species Differentiation
1	having physical features characteristic of mainland Asian origin or environment
2	having physical features characteristic of Southeast Asian/Polynesian origin or environment
3	having physical features characteristic of Central Asian origin or environment
4	having physical features characteristic of the Indian sub-continent in origin or environment
5	having physical features characteristic of Western Asian/Mesopotamian origin or environment
6	having physical features characteristic of Western European/Nordic origin or environment
7	having physical features characteristic of Eastern European/Balkans origin or environment
8	having physical features characteristic of sub-Saharan African origin or environment
9	having physical features characteristic of North African/Mediterranean origin or environment

-zj	PG2 Physical Features Based on Geography 2 for Species or Sub-Species Differentiation
1	having physical features characteristic of Arctic origin or environment
2	having physical features characteristic of Mediterranean Sea origin or environment
3	having physical features characteristic of Pacific oceanic origin or environment
4	having physical features characteristic of North Atlantic oceanic origin or environment
5	having physical features characteristic of South Atlantic oceanic origin or environment
6	having physical features characteristic of South Pacific oceanic origin or environment
7	having physical features characteristic of Indian Ocean origin or environment
8	having physical features characteristic of Antarctic origin or environment
9	having physical features characteristic of New World / American origin or environment

-zg	BRE Biogeographic Realm/Ecozone
1	inhabiting or originating in the Palearctic ecozone
2	inhabiting or originating in the Nearctic ecozone
3	inhabiting or originating in the Holarctic ecozone
4	inhabiting or originating in the Afrotropic ecozone
5	inhabiting or originating in the Neotropic ecozone
6	inhabiting or originating in the Australasia ecozone
7	inhabiting or originating in the Indomalaya ecozone
8	inhabiting or originating in the Oceania ecozone
9	inhabiting or originating in the Antarctic ecozone

-šb	GEO Geographic or Environmental Niche for Species or Sub-Species Differentiation
1	inhabiting or associated with high mountains
2	inhabiting or associated with the desert
3	inhabiting or associated with rocky terrain
4	inhabiting or associated with the tundra
5	inhabiting or associated with brushland, scrubland, bushy terrain
6	inhabiting or associated with swampy/boggy/marshy terrain
7	inhabiting or associated with savannah/grassland
8	inhabiting or associated with trees / arboreal
9	inhabiting or associated with the rainforest

-šd	WBN Water-based Environmental Niche for Species or Sub-Species Differentiation
1	inhabiting or associated with islands
2	inhabiting or associated with offshore / shallow ocean dwelling
3	inhabiting or associated with the seashore / littoral
4	inhabiting or associated with estuaries/lagoons
5	inhabiting or associated with saltwater marshes
6	inhabiting or associated with freshwater lakes
7	inhabiting or associated with freshwater ponds
8	inhabiting or associated with rivers / riparian
9	inhabiting or associated with streams or brooks

-šg	OBN Ocean-based Environmental Niche for Species or Sub-Species Differentiation
1	inhabiting or associated with the intertidal zone
2	inhabiting or associated with a coral reef
3	inhabiting or associated with the neritic zone
4	inhabiting or associated with the pelagic zone
5	inhabiting or associated with seamount
6	inhabiting or associated with hydrothermal vent
7	inhabiting or associated with a cold seep
8	inhabiting or associated with the demersal zone
9	inhabiting or associated with the benthic zone

-zv	ENS Environmental Niche for Species or Sub-Species Differentiation
1	active at twilight / crepuscular
2	active at night / nocturnal
3	active around dawn
4	active during the morning
5	active during the day / diurnal
6	sessile, not motile -- adhering to a substrate by direct attachment (not via a stalk/stipe/pedicle/connecting medium)
7	attached to a substrate via a stalk/stipe/pedicle/connecting medium
8	motile in reaction to heat
9	motile in reaction to light

-tĕ	DBM Distinctive Bodily/Fur Markings for Species or Sub-Species Differentiation
1	having rows of lighter-colored spots
2	having rows of darker-colored spots
3	having lighter-colored facial band(s)
4	having darker-colored facial band(s)
5	having a distinctive pattern of fur/bodily markings colored differently from the rest of the body/fur
6	having lighter-colored dorsal band(s) or stripe(s)
7	having darker-colored dorsal band(s) or stripe(s)
8	having lighter-colored lateral band(s) or stripe(s)
9	having darker-colored lateral band(s) or stripe(s)

-vř	MB1 Morphological Bodily Distinctions for Species or Sub-Species Differentiation 1
1	having a longer-than-average tail
2	having a larger-than-average-mouth/beak/gullet
3	having larger-than-average eyes
4	having larger/longer-than-average wings/wingspan
5	having larger/longer-than-average nose/snout/proboscis
6	having larger/longer-than-average limbs
7	having a larger or more robust body than average
8	being longer/taller than average
9	being more rotund/fatter/thicker than average

-tj	MB2 Morphological Bodily Distinctions for Species or Sub-Species Differentiation 2
1	having a shorter-than-average tail
2	having a smaller-than-average-mouth/beak/gullet
3	having smaller-than-average eyes
4	having smaller/shorter-than-average wings/wingspan
5	having smaller/shorter-than-average nose/snout/proboscis
6	having smaller/shorter-than-average limbs
7	having a smaller body than average
8	being shorter than average
9	being more slender/streamlined than average

-cd	RES Resemblances to Other Species
1	having behavioral characteristics similar to X
2	having eating/foraging/hunting habits similar to X
3	having a voice/call/cry/whistle, etc. similar to X
4	inhabiting an environmental niche similar to X
5	having various factors of appearance and behavior similar to X
6	having a facial resemblance to X
7	having a bodily form similar to X
8	having bodily markings similar to X
9	having nesting/parenting/burrowing habits similar to X

-çñ	SYM Symbiotic Relationship
1	in an obligate [i.e., required/mandatory/necessary] relationship with another party to mutual benefit, i.e., obligate mutualistic relationship
2	in an obligate [i.e., required/mandatory/necessary] relationship to the benefit of oneself but neutral to the other party, i.e., obligate commensal relationship
3	in an obligate [i.e., required/mandatory/necessary] relationship to the benefit of oneself but harmful to the other party, i.e., obligate parasitic relationship
4	in a facultative [i.e., optional] relationship with another party to mutual benefit, i.e., optionally mutualistic relationship
5	in a facultative [i.e., optional] relationship to the benefit of oneself but neutral to the other party, i.e., optional commensal relationship
6	in a facultative [i.e., optional] relationship to the benefit of oneself but harmful to the other party, i.e., optional parasitic relationship
7	in an obligate or facultative relationship with another party of no benefit to oneself but advantageous/beneficial to the other party
8	in an obligate or facultative relationship with another party harmful to oneself but advantageous/beneficial to the other party
9	in a competitive relationship with another party [potentially] harmful to both parties

-bv	TXN Taxonomic Classification Hierarchy (to be added to the Base Root forms for various groupings)	Type-2 TXN affixes are used specifically for biological taxonomic classification, as listed below:
1	X as representative of a 3rd-level sub-grouping of the basic-level grouping	the sub-species or strain of which X is a member
2	X as representative of a sub-sub-group or sub-sub-section of X's base-level group	the species of which X is a member
3	X as representative of a sub-group or sub-section of X's base-level group	the genus of which X is a member
4	X as the basic or common hierarchical level representative of a group; X as member, X as representative	the tribe of which X is a member
5	the "tribe", group, club, section of which X is a member	the family of which X is a member
6	the "family" of which X is a member; the grouping to which X's "tribe"/club/group/section belongs	the order of which X is a member
7	3rd-order hierarchical super-group of which X is a member; the grouping to which the grouping containing X's group/section belongs	the class of which X is a member
8	4th-order hierarchical super-group of which X is a member	the phylum of which X is a member
9	5th-order hierarchical super-group of which X is a member	the kingdom of which X is a member

-dv	HSR Hierarchical Sub- and Super-Rankings
1	sub-sub- (two degree of ranking below)
2	sub- (one degrees of ranking below)
3	comprising some of a section; some of the sub-sections of a section
4	comprising most of a section but not including all sub-sections; most of the sub-sections of a section
5	comprising more than one sub-section
6	comprising more than one section
7	comprising at least one section and at least one subsection of another section
8	super- (one degree of ranking above)
9	super-super (two degrees of ranking above)

-rc	PEB Overall Presence/Participation Within an Environmental Niche or Biosphere
1	dominant component/feature/element/life-form/factor
2	near-dominant
3	thriving
4	up-and-coming, close to thriving
5	newfound / newly arrived / newly present
6	declining
7	threatened
8	near-extinct
9	extinct

-xn	PZE Paleozoic Era
1	of/from/during the Paleozoic Era
2	of/from/during the Early (or Lower) or Middle Cambrian Period
3	of/from/during the Late (Upper) Cambrian epoch or Furongian period
4	of/from/during the Ordovician epoch
5	of/from/during the Silurian epoch
6	of/from/during the Devonian epoch
7	of/from/during the Mississippian period of the Carboniferous epoch
8	of/from/during the Pennsylvanian period of the Carboniferous epoch
9	of/from/during the Permian epoch

-pn	MZE Mesozoic Era
1	of/from/during the Mesozoic Era
2	of/from/during the Early (or Lower) Triassic epoch
3	of/from/during the Middle Triassic epoch
4	of/from/during the Late (or Upper) epoch
5	of/from/during the Early (or Lower) Jurassic epoch
6	of/from/during the Middle Jurassic epoch
7	of/from/during the Late (or Upper) Jurassic epoch
8	of/from/during the Early (or Lower) Cretaceous epoch
9	of/from/during the Late (or Upper) Cretaceous epoch

-gn	CZE Cenozoic Era
1	of/from/during the Cenozoic Era
2	of/from/during the Paleocene epoch
3	of/from/during the Eocene epoch
4	of/from/during the Oligocene epoch
5	of/from/during the Miocene epoch
6	of/from/during the Pliocene epoch
7	of/from/during the Pleistocene epoch
8	of/from/during the Holocene epoch
9	of/from/during the Anthropocene epoch

MISC. AFFIXES

-vz	ACQ Acquisition
1	acquired by chance/whim/having stumbled upon
2	acquired by mental effort/learning/study/creation
3	acquired by informal, spur-of-the-moment search
4	acquired by trickery/subterfuge
5	innate/inherent
6	acquired by formal search
7	acquired by informal agreement/negotiation
8	acquired by formally negotiated trade or deal
9	acquired by purchase

-ňz	RNC Renunciation
1	give up X-ing / give up on X
2	lose faith/belief in X(-ing)
3	stop trying to X
4	undermine (efforts to) X
5	refuse to X
6	lose sense of resolve/commitment to X
7	no longer have passion for X / lose passion for X
8	lose ability to do/be/make X
9	lack means/ability to X

-čb	INB Inability/Incapacity Due To . . .
1	inability/incapacity to [perform/achieve/realize] X due to absence/loss of resource(s)
2	inability/incapacity to [perform/achieve/realize] X due to absence/loss of physical means
3	inability/incapacity to [perform/achieve/realize] X due to absence/loss of skill/knowledge
4	inability/incapacity to [perform/achieve/realize] X due to blockage/prevention of access to resource(s)
5	inability/incapacity to [perform/achieve/realize] X due to blockage/prevention of access to physical means
6	inability/incapacity to [perform/achieve/realize] X due to blockage/prevention of access to skill/knowledge
7	inability/incapacity to [perform/achieve/realize] X due to psychological disorder or trauma
8	inability/incapacity to [perform/achieve/realize] X due to physical disorder/illness/injury
9	inability/incapacity to [perform/achieve/realize] X due to loss/absence of desire

-s	CMF - Communication Format
1	via language (in general, whether spoken / written / printed / signed / signaled / broadcast / published / disseminated / streamed, etc.)
2	by spoken/vocalized language
3	by written language; in writing [for real-time communication to be read directly by the present audience]
4	via publication (= in writing for distribution to future audience)
5	via electronic distribution/dissemination
6	via gesture, pantomime
7	via formal sign language
8	via pictures/images
9	by non-linguistic vocalizations (e.g., grunts, squeals, murmuring, cries, etc.)

-řns	ENG Degree of Engagement/Involvement
1	avoiding X(-ing) at all costs / run away from X(-ing) / terrified of X(-ing)
2	averse to X(-ing); fear X(-ing) / fear of X(-ing) / afraid of X(-ing) / afraid to X
3	shirk involvement in X(-ing); not be/get involved in
4	to X for appearance' sake only; to X solely for show
5	lackluster interest/involvement in X(-ing)
6	marginal interest/involvement in X(-ing) /
7	limited/partial involvement in X(-ing)/ like X(-ing) / interested in X(-ing)
8	fully involved/engrossed in X(-ing) / love to X
9	irreversibly involved/engrossed in X(-ing) / enraptured with X(-ing)

-ňs	OSQ Opportunity Squandered
1	wished-for or hoped-for but so far has never come to pass
2	missed-out on [opportunity has arisen but one isn't/wasn't able or permitted to act upon it despite desire to do so]
3	missed-out on [opportunity has arisen but is/was passed by or ignored]
4	squandered [opportunity has arisen but attempt to act upon it is/was well-done but unsuccessful]
5	missed-out on [opportunity has never arisen and is not likely to arise]
6	squandered [opportunity has arisen but is/was acted upon incorrectly or incompetently]
7	squandered [opportunity has arisen but the attempt to act upon it is/was thwarted by external entities/factors]
8	squandered/missed-out on [opportunity passed by due to ignorance or not being informed]
9	won and lost [opportunity was acted upon successfully at first but subsequently failed]

-rmz	MEM Memory
1	always in mind / can't forget
2	never to be forgotten / memorable
3	remembered / recalled / remember to . . .
4	(having just been) reminded of X
5	on the tip of one's tongue / almost remembered / on the verge of remembering
6	slipped from one's mind (momentarily); just had it but now can't remember; momentary lapse in remembering X
7	forgotten, not remembered or recalled [despite attempt to remember/recall] / forget / forget (how) to . . .
8	forgotten, not remembered or recalled [does not occur to try to remember]
9	long-forgotten / not currently remembered in general

-vř	NNN N-Numbered Angles/Facets/Faces/Sides/Points/Forms
1	uneven /asymmetrical n-sided 2-D obtusely angled form (e.g., quadrilateral, pentagonoid)
2	uneven/asymmetrical n-pointed 2-D acutely angled "star" formation
3	uneven/asymmetrical n-faceted 3-D solid
4	uneven/asymmetrical n-faced 3-D solid (e.g., n-hedron-like solid)
5	having n number of 3-D projections/spikes/pointed surfaces
6	symmetrical n-faced 3-D solid (e.g., tetrahedron, dodecahedron)
7	symmetrical n-faceted 3-D solid
8	symmetrical n-pointed 2-D acutely angled "star" formation (can be used with numbers as low as 2, which would refer to an elongated diamond shape)
9	symmetrical n-sided 2-D form (e.g., square, pentagon, hexagon)

-dř	RDT Redirection of X to Other Use(s)
1	multiple uses – involuntary
2	opposing use – involuntary
3	complementary use – involuntary/uncontrolled/unpredictable
4	unrelated use - involuntary
5	not used for traditional purpose – unknown or inapplicable as to whether voluntary or involuntary
6	unrelated use - voluntary
7	complementary use –voluntary/controlled/predictable
8	opposing use – voluntary
9	multiple uses – voluntary

-ňš	PSS Degree of Alienable Possession
1	the X which one circumstantially possesses/uses/handles at the moment or with which one is momentarily/circumstantially/informally associated
2	the X circumstantially/informally/temporarily taken by, or circumstantially/informally given/assigned/designated to one for their use/possession/responsibility
3	the X formally/officially taken by, or formally/officially given/assigned/designated to one for their use/possession/responsibility as per purchase, formal gift, declaration, contract, or other societal convention.
4	(one's) own / (one's) personal X [informally/circumstantially/temporarily/contextually]
5	(one's) own / (one's) personal X [formally/officially/contractually/(quasi-)permanently]
6	(one's) own private X
7	one's own private and unique/custom X, known by, but unavailable to others
8	one's own secret and concealed X unknown to others
9	one's own secret and concealed X, unique/custom and unknown to others

-ňž	CLS* Classification
1	a physical arrangement or discernible pattern/assortment of X for aesthetic reasons
2	a physical arrangement or discernible pattern/assortment of X for utilitarian reasons
3	X as a member or representative of a certain kind/sort/genre/class of entity
4	X as the basis for classifying/sorting/arranging other entities
5	X as the representative label of a certain kind/sort/genre/class of entity
6	X as the representative label of a (system of) hierarchical ranking
7	X as the basis for a (system of) hierarchical ranking
8	(hierarchical) ranking of X
9	regular(ity) of X; X as a regular(ized) entity

-nš	BAS Basis
1	X-based; on the basis of X (= general overall basis for something, i.e., X as both the idea behind and model for something)
2	X-based; on the basis of X (= as the intellectual basis for; X as the idea behind something)
3	X-based; modeled upon/after X (= in functionality/purpose, not in form/shape; for the latter, see the SHP affix below)
4	X-derived; derived from X
5	X-patterned/arranged (not in visual shape/form, but in structural arrangement or structural principles; for visual shape/form patterning, see SHP affix below)
6	X-inspired; inspired by X
7	X-driven; driven/powered by X
8	motivated by X
9	X-triggered; triggered by X (= X as unwitting/non-causative stimulus for action)

-ř	SHP* Shape or Form
1	having the 2-D shape of X; shaped like (an) X
2	somewhat or sort of like the 2-D shape of X; reminiscent of the 2-D shape of X
3	2-D figure (= outlined/contoured representation) of X
4	2-D mold / "stamp" of X
5	X-pattern(ed); patterned like/after X (visual shape/pattern/form only; for structural pattern/arrangement, see BAS affix above)
6	3-D mold/cast of X
7	3-D figure (= outlined/conoured representation) of X
8	somewhat or sort of like the 3-D form/shape of X; reminiscent of the 3-D shape/form of X
9	having/mimicking the 3-D form/shape of X; formed like or modeled after X

-zt	VPF Variance From Prototypical 3-D Form
1	long axis obliquely angled/inclined away from the vertical/right-angled/rectilinear/perpendicular
2	elongated lengthwise/heightwise
3	elongated widthwise/girthwise
4	curved away from right-angled/rectilinear orientation
5	truncated at small/pointed/shorter/smaller end at angle parallel to base
6	truncated at small/pointed/shorter/smaller end at oblique angle to base
7	a quasi-planar longitudinal (i.e., perpendicular to base) slice through 3-D form X
8	a quasi-planar oblique slice through 3-D form/shape X
9	a quasi-planar latitudinal (i.e., parallel to base) slice through 3-D form X

-lř	TDP Three-Dimensional Polyhedral Forms
1	symmetrical 3-dimensional polyhedron having X-number of triangular faces
2	symmetrical 3-dimensional polyhedron having X-number of quadrilateral faces
3	symmetrical 3-dimensional polyhedron having X-number of mixed triangular and quadrilateral faces
4	symmetrical 3-dimensional polyhedron having X-number of mixed polygonal faces
5	a 3-dimensional form/object whose 2-dimensional/planar outline shape (i.e., against a background) is X
6	asymmetrical 3-dimensional polyhedron having X-number of mixed polygonal faces
7	asymmetrical 3-dimensional polyhedron having X-number of mixed triangular and quadrilateral faces
8	asymmetrical polygon having X-number of quadrilateral faces
9	asymmetrical polygon having X-number of triangular faces

-In	CNW Conway Polyhedral Mathematical Operations
1	dual
2	truncate
3	subdivide
4	augment
5	kis
6	bevel
7	chamfer
8	join
9	ambo

-jb	PAT Common 2-Dimensional Decorative/Featural Patterns
1	checker-patterned; checked
2	polka-dotted
3	diagonally-striped
4	vertically striped (relative to natural/default orientation of the striped object or relative to observer if object has no such natural/default orientation)
5	striped
6	horizontally striped (relative to natural/default orientation of the striped object or relative to observer if object has no such natural/default orientation)
7	vertically & horizontally cross-hatched
8	diagonally cross-hatched; diamond-patterned
9	grid-like, screen-like (= fine-grained cross-hatching)

-çl	PUA Private Usage Or Association
1	for one's own personal use
2	for use by a private/select group
3	for use by a specific/particular group
4	known only to or familiar only to oneself
5	known only to or familiar only to a private/select group
6	known only to or familiar only to a specific/particular group
7	associated with or having to do with oneself only
8	associated with or having to do with a private/select group
9	associated with or having to do with a specific/particular group

-zp	HUM Human Usage/Presence/Intervention
1	as associated with human beings
2	for the benefit/aid of human beings
3	for use by human beings
4	as determined/planned by human beings
5	as arranged/structured by human beings
6	as a product or planned result of human usage/intervention
7	as a(n unforeseen) by-product/consequence/vestige of human usage/association/intervention
8	as an indicator/clue of human presence/intervention/usage
9	as a resource for use by human beings

-cc	KIN Kinship Relation
1	having a full-blood relationship (i.e., genetically related through both parents)
2	half-related (e.g., half-sister, half-cousin), i.e., genetically related through one parent only)
3	paternally related (i.e., through one's own genetic father)
4	maternally related (i.e., through one's own genetic mother)
5	double-relation (i.e., related through both parents via the mating of a set of siblings from one family with a set of siblings of another family)
6	in-law relation (i.e., non-blood relation through marriage only)
7	parallel-related (i.e., related through a parent's sibling of the same gender as the parent)
8	cross-related (i.e., related through a parent's sibling of a different gender than the parent)
9	legally adopted relation (no genetic relation)

-vk	KSD Generational/Sequential Kinship Descriptions
1	of one's previous generation (i.e., "once removed (upward)")
2	of two generations previous (i.e., "grand-", "twice removed (upward)")
3	of three generations previous (i.e., "great grand-", "three times removed (upward)")
4	foster relationship
5	common law relationship
6	"god-" relative or other pseudo-familial relationship (i.e., non-sanguine person treated like or considered part of sanguine family, e.g., "god"-parent)
7	of three generations later (i.e., "great grand-", "three times removed (downward)")
8	of two generations later (i.e., "grand-", "twice removed (downward)")
9	of one's subsequent generation (i.e., "once removed (downward)")

-rps	APV Alternate Points of View
1	and not even occurring to one to evaluate/consider/analyze a/the situation in any way before deciding/acting
2	and not even occurring to one to evaluate/consider (a) point(s) of view other than one's own
3	with alternate point(s) of view blindly dismissed as irrelevant or having no value before even being considered
4	with consideration given to alternate point(s) of view but dismissed because one's own point of view is intransigent/non-negotiable
5	with potential seen in other point(s) of view leading to possible tolerance of each other's viewpoint (i.e., "live and let live" solution)
6	with potential seen in other point(s) of view as basis for compromise solution (i.e., where each party makes concessions)
7	with potential seen in other point(s) of view as basis for win-win outcome (i.e., where both solutions together are mutually advantageous)
8	with potential seen in other point(s) of view as basis for conceding one's own point of view partially in favor of alternate point(s) of view
9	with potential seen in other point(s) of view as basis for conceding one's own point of view entirely in favor of alternate point(s) of view

-řks	CRD Degree of Crowdedness
1	tightly packed together (“like sardines”) / with no space between components / with no room to move
2	packed together touching
3	packed together with minimal space between components / with barely enough room to move without touching others
4	crowded but with sufficient space to move around / loosely packed
5	somewhat crowded
6	not too crowded / lightly crowded / sufficient room to move around easily between components
7	uncrowded / somewhat sparse
8	sparse / spare / uncrowded / light
9	utterly sparse, spare, lone, solitary / the only one of / sole / unaccompanied; alone / by -self / on one’s own / unaccompanied / solely

-kz	EGY Initiating Force/Energy of a Motion/Trajectory/Appearance/Change-in-State i.e., X’s appearance/presence/effect/action results from the following initial state/act of energy-release:
1	spring forth (from within), i.e., release pent-up energy into an outward thrusting motion
2	release (to a lower energy state, e.g., fall, let drop, let go, slide, let out, give out, etc.)
3	grow
4	wither
5	“keep running”, i.e., by either continuous or periodic addition of fuel/energy to flow, as in a water-wheel, a windmill, an engine, staying awake, working, etc.
6	spurt, spray, blow out, i.e., release through constriction under pressure
7	accumulate, i.e., grow via accretion
8	be drawn out or sucked out, i.e., forced translative motion through aperture via low-pressure differential
9	become agitated/excited/heated via external energy application

-š	SEX Biological (i.e., genetically-determined) sex
1	born biologically/genetically female; of the female sex
2	different from / atypical of the female sex
3	born biologically/genetically male; of the male sex
4	different from / atypical of the male sex
5	born intersex / “hermaphrodite”
6	whose born sex is indiscernible/hidden/unknown/obscured
7	unisex; applying to or inclusive of both sexes
8	sex-based; formally differentiated/distinguished based on sex
9	sex-neutral; irrelevant in regard to sex

-c	GID Gender Identity (i.e., one’s chosen identification in relation to sex)
1	female (gender identity, not necessarily biological sex)
2	intergender / androgynous (gender identity, not necessarily biological sex)
3	male (gender identity, not necessarily biological sex)
4	third gender (e.g., hijra, mähū, fakaleiti, fa’afafine)
5	non-binary gender identification
6	genderfluid, of varying gender identification
7	bigender, of multiple genders simultaneously
8	genderqueer
9	agender, without gender or gender identity being inapplicable/irrelevant

-lç	SID * Subjective Identity
1	Psychologically/subjectively identifying and expressing oneself outward in conformance to one’s culture’s/society’s expectation of traits, behaviors and appearance of persons normally identifiable as being X.
2	Psychologically/subjectively identifying oneself as conforming to one’s culture’s/society’s expectation of traits, behaviors and appearance of persons normally identifiable as being X, but only outwardly expressing such identity to an exclusive group of others.
3	Psychologically/subjectively identifying oneself as conforming to one’s culture’s/society’s expectation of traits, behaviors and appearance of persons normally identifiable as being X, but only outwardly expressing such identity in private, unbeknownst to others.
4	Psychologically/subjectively identifying and expressing oneself outward in conformance to one’s peer’s or community’s expectation of traits, behaviors and appearance of persons normally identifiable as being X.
5	Psychologically/subjectively identifying oneself as conforming to one’s peer’s or community’s expectation of traits, behaviors and appearance of persons normally identifiable as being X, but only outwardly expressing such identity to an exclusive group of others.
6	Psychologically/subjectively identifying oneself as conforming to one’s peer’s or community’s expectation of traits, behaviors and appearance of persons normally identifiable as being X, but only outwardly expressing such identity in private, unbeknownst to others.
7	Psychologically/subjectively identifying and expressing oneself outward in conformance to one’s own conception/impression of traits, behaviors and appearance of persons normally identifiable as being X.
8	Psychologically/subjectively identifying oneself as conforming to one’s own conception/impression of traits, behaviors and appearance of persons normally identifiable as being X, but only outwardly expressing such identity to an exclusive group of others.
9	Psychologically/subjectively identifying oneself as conforming to one’s own conception/impression of traits, behaviors and appearance of persons normally identifiable as being X, but only outwardly expressing such identity in private, unbeknownst to others.

-dc	CLG Cultural or Geo-Demographic Association (primarily used with carrier stems)
1	the spoken/written language associated with X
2	a historical event associated with X
3	the people/culture/society associated with X
4	the sense of socio-cultural identity/solidarity associated with X
5	a behavioral/personality trait or aesthetic style or physical characteristic associated with X
6	a practice/ritual associated with X
7	a belief associated with X
8	an item/artifact/object/costume/artwork or tangible accomplishment associated with X
9	the physical country/land/geographical domain associated with X

-dn	OGC Orientation or Location Relative to a Geographical Central Point
1	northern
2	northwestern
3	western
4	northeastern
5	geographically central
6	southwestern
7	eastern
8	southeastern
9	southern

-zz	MSE Miscellaneous Entailments Associated with an Entity
1	X offered/supplied/sold as a commodity
2	X packaged/processed for commercial sale/use
3	X as a coveted/guarded/protected/limited natural resource
4	X as a focal point of political contention
5	X as a focal point of geopolitical contention/war
6	X as a force of nature
7	X as the focal point/key to an inquiry/investigation/mystery
8	X as a causal/triggering element/circumstance for a story/plot/series of events
9	X as the source of one's emotional state

-bd	PCM Primary Construction Material
1	where X is made exclusively or primarily of wood
2	where X is made exclusively or primarily of metal
3	where X is made exclusively or primarily of ceramic or porcelain
4	where X is made exclusively or primarily of rubber
5	where X is made exclusively or primarily of glass
6	where X is made exclusively of resin or natural secretion
7	where X is made exclusively or primarily of plastic
8	where X is made exclusively or primarily of an artificial/synthetic material
9	where X is made exclusively or primarily of stone

-žv	STF Miscellaneous Surface Textures or Formations (e.g., as associated with substances or growths/lesions on a surface, as in lichens, molds, tumors, etc.)
1	fruticose, i.e., structured or formed like a tuft or multiple-branched leafless mini-shrub whether upright or hanging down
2	foliose, i.e., structured or formed in two-dimensional, flat, leaf-like lobes
3	crustose, i.e., crust-like, adhering tightly to a surface or substrate like a thick coat of paint
4	squamulose, i.e., formed of small leaf-like scales crustose below but free at the tips
5	leprose, i.e., powdery
6	gelatinous, i.e., jelly-like
7	filamentous, i.e., stringy or like matted hair
8	byssoid, i.e., wispy, like teased wool or cotton candy
9	imprinted, i.e., visibly distinct/different from the rest of the surface or substrate but texturally indistinct and imbued into and unseparable from the substrate

-tš	MIA Musical Instrument Attributes
1	instrument is non-pitched
2	instrument has a (quasi-) fixed pitch but is untunable
3	instrument is tunable to a fixed pitch
4	instrument is tunable and capable of a controllable range of pitches while being played (e.g., talking drum, banyan drum of a set of tabla, cuica, etc.)
5	instrument is a single component with various sub-parts or surfaces each of which is tunable/tuned to a distinct pitch (e.g., tongue drum, steel drum)
6	instrument is a set of tunable individual component instruments, each set/tunable to a distinct pitch
7	instrument is playable/played using multiple modes of contact (e.g., with both hand or stick, by both bow and hand, by striking and rubbing, etc.)
8	instrument's primary interface is via a keyboard or set of patterned buttons which trigger the actual striking/plucking/air-flow sounding mechanism
9	instrument is electrically/electronically amplified

-dç	CAM Customization & Modifications
1	the largest (bass-oriented) version of the usual X
2	a larger (baritone-oriented) version of the usual X
3	a smaller (treble- or soprano-oriented) version of the usual X
4	a modified/enhanced version of the usual X (to give it a greater note-range)
5	a modified/enhanced version of the usual X (to make it louder)
6	a modified/enhanced version of the usual X (to give it more power/resonance)
7	a modified/customized version of the usual X tailored to the operator's specifications
8	a modified/customized version of the usual X tailored/sized for a child
9	a modified/customized version of the usual X tailored/simplified for learning

NOTE: This affix is primarily applied to stems for musical instruments, however it may be used as needed for other devices/objects where applicable.

Type-1 of the following refer to standard pitch (the A-note above middle C = 440Hz); Type-2 refers to a relative pitch standard determined by the musician.

-řm	GAB Musical Notes GAB
1	note/tone in A-flat/G-sharp
2	bending/ <i>meend</i> applied to note/tone in A-flat/G-sharp
3	“blue” note/tone between A-flat and A
4	note/tone in A
5	bending/ <i>meend</i> applied to note/tone in A
6	“blue” note/tone between A and A-sharp/B-flat
7	note/tone in B-flat/A-sharp
8	bending/ <i>meend</i> applied to note/tone in B-flat/A-sharp
9	“blue” note/tone between B-flat and B

-řç	BCD Musical Notes BCD
1	note/tone in B
2	bending/ <i>meend</i> applied to note/tone in B
3	“blue” note/tone between B and C
4	note/tone in C
5	bending/ <i>meend</i> applied to note/tone in C
6	“blue” note/tone between C and C-sharp/D-flat
7	note/tone in C-sharp/D-flat
8	bending/ <i>meend</i> applied to note/tone in C-sharp/D-flat
9	“blue” note/tone between D-flat and D

-řł	DEF Musical Notes DEF
1	note/tone in D
2	bending/ <i>meend</i> applied to note/tone in D
3	“blue” note/tone between D and D-sharp/E-flat
4	note/tone in E-flat/D-sharp
5	bending/ <i>meend</i> applied to note/tone in E-flat/D-sharp
6	“blue” note/tone between E-flat and E
7	note/tone in E
8	bending/ <i>meend</i> applied to note/tone in E
9	“blue” note/tone between E and F

-rl	FGA Musical Notes FGA
1	note/tone in F
2	bending/ <i>meend</i> applied to note/tone in F
3	“blue” note//tone between F and F-sharp/G-flat
4	note tone in F-sharp/G-flat
5	bending/ <i>meend</i> applied to note/tone in F-sharp/G-flat
6	“blue” note//tone between G-flat and G
7	note/tone in G
8	bending/ <i>meend</i> applied to note/tone in G
9	“blue” note//tone between G and G-sharp/A-flat

-vđ	ASC Areal/Spatial Scope
1	in the easily-accessible or visible vicinity of X; within the readily accessible or readily visible vicinity of X
2	in the area/space nearby X, in X’s neighborhood, in X’s general vicinity
3	in the quarter/district or general area surrounding X
4	local; in X’s locality; in the town where X is; in the place/town/locality/community/area where X is
5	regional; in X’s part of the larger geographic or geopolitical entity, e.g., in X’s part of the state, in X’s region, in X’s county/canton
6	geopolitically regional; at the state/provincial level; at the level, in X’s state/province, in X’s part of the country; geopolitically sub-national or in the geographically large area of; in the large region of, e.g., in the South, up North, having to do with the mountains/desert/plains, etc.
7	at the national level
8	international(ly); worldwide
9	universal

-sn	AAA Areal/Cultural Association - East Asia
1	originating in, indigenous to, or associated w/ traditional/ancient China
2	originating in, indigenous to, or associated w/ traditional/ancient Japan
3	originating in, indigenous to, or associated w/ traditional/ancient Korea
4	originating in, indigenous to, or assoc. w/ traditional/ancient Taiwan
5	originating in, indigenous to, or associated w/ East Asia
6	originating in, indigenous to, or associated w/ contemporary Taiwan
7	originating in, indigenous to, or associated w/ contemporary Korea
8	originating in, indigenous to, or associated w/ contemporary Japan
9	originating in, indigenous to, or associated w/ contemporary China

-sñ	AAS Areal/Cultural Association - South Asia
1	originating in, indigenous to, or associated w/ traditional/ancient India (including the areas comprising modern Pakistan, Bangladesh and Sri Lanka)
2	originating in, indigenous to, or associated w/ traditional/ancient Afghanistan
3	originating in, indigenous to, or associated w/ traditional/ancient Nepal
4	originating in, indigenous to, or associated w/ traditional/ancient Bhutan
5	originating in, indigenous to, or associated w/ South Asia
6	originating in, indigenous to, or associated w/ contemporary Bhutan
7	originating in, indigenous to, or associated w/ contemporary Nepal
8	originating in, indigenous to, or associated w/ contemporary Afghanistan
9	originating in, indigenous to, or assoc. w/ contemporary India/Pakistan/Sri Lanka

-šn	AAI Areal/Cultural Association - Southeast Asia / East Indies
1	originating in, indigenous to, or associated w/ traditional/ancient eastern mainland Southeast Asia (i.e., Vietnam, Laos, Cambodia)
2	originating in, indigenous to, or associated w/ traditional/ancient western mainland Southeast Asia (i.e., Thailand, Myanmar)
3	originating in, indigenous to, or associated w/ traditional/ancient East Asian archipelago (i.e., Indonesia, Malaysia, Singapore, Brunei, Timor, Papua New Guinea)
4	originating in, indigenous to, or associated w/ other traditional/ancient Philippines
5	originating in, indigenous to, or associated w/ Southeast Asia/East Indies
6	originating in, indigenous to, or associated w/ contemporary Philippines
7	originating in, indigenous to, or associated w/ contemporary East Asian archipelago (i.e., Indonesia, Malaysia, Singapore, Brunei, Timor, Papua New Guinea)
8	originating in, indigenous to, or associated w/ contemporary western mainland Southeast Asia (i.e., Thailand, Myanmar)
9	originating in, indigenous to, or associated w/ contemporary eastern mainland Southeast Asia (i.e., Vietnam, Laos, Cambodia)

-šň	AAC Areal/Cultural Association - Central Asia (and non-Chinese cultures of the East Asian mainland)
1	originating in, indigenous to, or associated w/ traditional/ancient Tibet
2	originating in, indigenous to, or associated w/ other traditional/ancient Mongolia
3	originating in, indigenous to, or associated w/ traditional/ancient post-expansion Turkic Central Asian cultures (i.e., Kazakhs, Kyrgyz, Uyghurs, Uzbeks, Tatars, Turkmen)
4	originating in, indigenous to, or associated w/ traditional/ancient post-expansion non-Turkic Central Asian cultures (i.e., Tajiks, Dari, Bukhori)
5	originating in, indigenous to, or associated w/ Central Asia
6	originating in, indigenous to, or associated w/ contemporary non-Turkic Central Asian countries/cultures (i.e., Tajiks, Dari, Bukhori)
7	originating in, indigenous to, or associated w/ contemporary Turkic Central Asian countries/cultures(i.e., Kazakhs, Kyrgyz, Uyghurs, Uzbeks, Tatars, Turkmen)
8	originating in, indigenous to, or associated w/ contemporary Mongolia
9	originating in, indigenous to, or associated w/ contemporary Tibet

-cn	AAM Areal/Cultural Association - Middle-East
1	originating in, indigenous to, or associated w/ traditional/ancient Arabian Peninsula
2	originating in, indigenous to, or associated w/ traditional/ancient Fertile Crescent & Levant area
3	originating in, indigenous to, or associated w/ traditional/ancient Anatolia & Cyprus
4	originating in, indigenous to, or associated w/ traditional/ancient Palestine
5	originating in, indigenous to, or associated w/ the Middle East
6	originating in, indigenous to, or associated w/ contemporary Israel & Palestine
7	originating in, indigenous to, or associated w/ contemporary Turkey and Cyprus
8	originating in, indigenous to, or associated w/ contemporary Levantine and Fertile Crescent countries/cultures (i.e., Syria, Lebanon, Iraq, Iran, Kurdistan)
9	originating in, indigenous to, or associated w/ contemporary Arabian Peninsula (i.e., Saudi Arabia, Oman, Yemen, UAE, Bahrain, Qatar)

-zn	AAH Areal/Cultural Association - Northern Africa & Horn of Africa
1	originating in, indigenous to, or associated w/ traditional/ancient Egypt and the Nile Valley
2	originating in, indigenous to, or associated w/ traditional/ancient the Horn of Africa
3	originating in, indigenous to, or associated w/ traditional/ancient North Africa/Maghreb
4	originating in, indigenous to, or associated w/ traditional/ancient Saharan Africa
5	originating in, indigenous to, or associated w/ Northern and/or Eastern Horn of Africa
6	originating in, indigenous to, or associated w/ contemporary Saharan Africa (i.e., Mauritania, Mali, Niger, Burkina Faso, Chad, Sudan)
7	originating in, indigenous to, or associated w/ contemporary North Africa/Maghreb
8	originating in, indigenous to, or associated w/ contemporary Horn of Africa (i.e., Ethiopia, Somalia, Eritrea, Djibouti)
9	originating in, indigenous to, or associated w/ contemporary Egypt and the Nile Valley

-zñ	AAF Areal/Cultural Association - Sub-Saharan Africa
1	originating in, indigenous to, or associated w/ traditional/ancient West Coast and Benin Coast of Africa
2	originating in, indigenous to, or associated w/ traditional/ancient Central Africa
3	originating in, indigenous to, or associated w/ traditional/ancient Southern Africa
4	originating in, indigenous to, or associated w/ traditional/ancient East African Islands (i.e., Madagascar, Zanzibar, Mauritius, Reunión, etc.)
5	originating in, indigenous to, or associated w/ Sub-Saharan Africa
6	originating in, indigenous to, or associated w/ contemporary East African Islands (i.e., Madagascar, Zanzibar, Mauritius, Reunión, etc.)
7	originating in, indigenous to, or associated w/ contemporary Southern Africa (e.g., Namibia, South Africa, Lesotho, Mozambique, Zimbabwe, Zambia, Angola, Malawi)
8	originating in, indigenous to, or associated w/ contemporary Central Africa (i.e., Cameroon Central African Republic, Gabon, Congo, DRC, Rwanda, Uganda, Kenya)
9	originating in, indigenous to, or associated w/ contemporary West Coast and Benin Coast of Africa (i.e., countries from Senegal to Nigeria)

-žň	AAN Areal/Cultural Association - Northern & Western Europe
1	originating in, indigenous to, or associated w/ traditional/ancient Celtic Europe (Gaul, Britain, Ireland, Scotland, North Sea and Channel islands),
2	originating in, indigenous to, or associated w/ traditional/ancient Teutonic Europe (Gothic lands, Norse lands)
3	originating in, indigenous to, or associated w/ traditional/ancient Baltic Europe (Estonia, Finland, Latvia, Lithuania, Karelia)
4	originating in, indigenous to, or associated w/ traditional/ancient Hungary
5	originating in, indigenous to, or associated w/ Northern & Western Europe
6	originating in, indigenous to, or associated w/ contemporary Hungary
7	originating in, indigenous to, or associated w/ contemporary Baltic countries (Estonia, Finland, Latvia, Lithuania)
8	originating in, indigenous to, or associated w/ contemporary Teutonic Europe (England, Teutonic Scandinavia, Germany, Low countries, Switzerland, Austria)
9	originating in, indigenous to, or associated w/ contemporary Celtic Europe (i.e., Ireland, Scotland, Wales, Brittany, Manx)

-žň	AAE Areal/Cultural Association - Southern & Eastern Europe
1	originating in, indigenous to, or associated w/ traditional/ancient Mediterranean Europe (i.e., the Roman Empire, Iberia, France, Greece, Sicily, Corsica, Sardinia, Malta)
2	originating in, indigenous to, or associated w/ traditional/ancient Balkans (southeastern Europe, Romania)
3	originating in, indigenous to, or associated w/ traditional/ancient Eastern/Slavic Europe other than the Balkans
4	originating in, indigenous to, or associated w/ traditional/ancient Caucasus/Caspian/Trans-Caucasia (e.g., Georgia, Armenia, Azerbaijan, Caucasus Mtns., Kalmykia)
5	originating in, indigenous to, or associated w/ Southern & Eastern Europe
6	originating in, indigenous to, or associated w/ contemporary Caucasus/Caspian/Trans-Caucasia (e.g., Georgia, Armenia, Azerbaijan, Caucasus Mtns., Kalmykia)
7	originating in, indigenous to, or associated w/ contemporary Eastern/Slavic Europe other than the Balkans (e.g., Russia, Ukraine, Belarus, Poland, Czechia, Slovakia)
8	originating in, indigenous to, or associated w/ contemporary Balkans (Croatia, Serbia, Slovenia, Montenegro, Bosnia, Bulgaria, N. Macedonia, Romania, Moldova)
9	originating in, indigenous to, or associated w/ contemporary Mediterranean Europe (i.e., Iberian Peninsula, Italy, Greece, the Balkan coast, Mediterranean islands)

-jn	AAW Areal/Cultural Association - Western Hemisphere
1	originating in, indigenous to, or associated w/ traditional/ancient North America
2	originating in, indigenous to, or associated w/ traditional/ancient Central America
3	originating in, indigenous to, or associated w/ traditional/ancient Caribbean
4	originating in, indigenous to, or associated w/ traditional/ancient South America
5	originating in, indigenous to, or associated w/ the Western Hemisphere
6	originating in, indigenous to, or associated w/ contemporary South America
7	originating in, indigenous to, or associated w/ contemporary Caribbean
8	originating in, indigenous to, or associated w/ contemporary Central America
9	originating in, indigenous to, or associated w/ contemporary North America

-jñ	AAO Areal/Cultural Association - Other Areas
1	originating in, indigenous to, or associated w/ traditional/ancient Polynesia & Pacific Islands
2	originating in, indigenous to, or associated w/ traditional/ancient Australia & New Zealand
3	originating in, indigenous to, or associated w/ traditional/ancient Western & Central Siberia
4	originating in, indigenous to, or associated w/ traditional/ancient Eastern Siberia
5	originating in, indigenous to, or associated w/ either Polynesia, Australia, New Zealand, or Siberia
6	originating in, indigenous to, or associated w/ contemporary Eastern Siberia
7	originating in, indigenous to, or associated w/ contemporary Western & Central Siberia
8	originating in, indigenous to, or associated w/ contemporary Australia & New Zealand
9	originating in, indigenous to, or associated w/ contemporary Polynesia & Pacific Islands

-mq	DDM Degree of Domestication
1	utterly wild, savage and untamable
2	wild/savage and unknown if approachable or tamable
3	wild/savage but species known to be approachable and potentially tamable
4	in the process of domestication, being tamed
5	half-savage/half-wild, half-tamed, half-domesticated
6	fairly domesticated, fairly tame, but potentially subject to reversion to wild state
7	sufficiently domesticated/tamed
8	fully domesticated/tamed
9	permanently domesticated w/o possibility of returning to a wild state (e.g., genetic adapted)

-řsk	CVL Degree of Civilization
1	hunter-gatherer status with little ability to forestall adversities such as hunger, disease, or invasion/war
2	agricultural/agrarian society with limited ability to forestall adversities such as famine, disease, or invasion/war
3	transitional society between agrarian and socio-economically complex society, with wide variance in individual socio-economic status, stability, or individual impact of hunger, disease, opportunities, etc.
4	socially and economically complex society with sufficient technology to limit the impact of famine, disease, or hardship but unstable due to the continuous impact of politics, war, greed, crime, etc.
5	socially and economically complex society with high level of technology and basic human needs met, but still driven by individual agenda and competition
6	having achieved a stable and high state of civilization via technology and emotional/psychological maturity/stability and long-term foresight with dual focus on collective security and individual purpose/discovery/potential
7	having surmounted the confines/limits of brief lifespan and individual consciousness
8	universal; having reached the point of existing beyond the confines/limits of such things as corporeality, time, space — having achieved a universal consciousness
9	transcendent; having reached the point of existing beyond the confines/limits of time, space, corporeality, or direct concerns with the material universe

-žf	HEA State of Health *
1	in the prime of health, completely healthy, without any illness, malady, injury, or incapacity
2	suffering from a temporary illness or malady causing some degree of impairment or incapacity
3	suffering from a major illness or malady causing significant impairment or incapacity
4	malnourished/under-nourished/emaciated, suffering from malnutrition and/or long-term lack of proper care
5	suffering from a temporary/mild injury causing some degree of impairment or incapacity
6	suffering from a major injury causing significant impairment or incapacity
7	permanently impaired/incapacitated due to having suffered a life-altering injury or illness
8	chronically sick/ill to the point of (seemingly) permanent decrepitude/impairment
9	permanently bed-ridden and incapable of caring for one's basic needs due to chronic illness or physical decrepitude/incapacity

-lkř	ADI Adverse Disease/Disorder/Illness
1	temporarily asymptomatic despite having [contracted] condition/illness/disorder/pathogen X
2	temporarily mildly ill/symptomatic due to having [contracted] condition/illness/disorder/pathogen X
3	temporarily moderately ill/symptomatic due to having [contracted] condition/illness/disorder/pathogen X
4	temporarily severely ill/symptomatic due to having [contracted] condition/illness/disorder/pathogen X
5	dead/deceased due to having [contracted] condition/illness/disorder/pathogen X
6	permanently or chronically severely ill/symptomatic due to having [contracted] condition/illness/disorder/pathogen X
7	permanently or chronically moderately ill/symptomatic due to having [contracted] condition/illness/disorder/pathogen X
8	permanently or chronically mildly ill/symptomatic due to having [contracted] condition/illness/disorder/pathogen X
9	permanently or chronically asymptomatic despite having [contracted] condition/illness/disorder/pathogen X

-xj	ASP Attributes of Sub-Atomic Particles
1	having opposite charge, antimatter version of X
2	super-symmetrical partner of X, “sparticle” counterpart of X, e.g., photino, gluino, gravitino, slepton, squark, sneutrino, etc.
3	spin value (intrinsic angular momentum) of particle X
4	orbital angular momentum of particle X
5	mass of particle X
6	isospin of particle X
7	parity of particle X
8	G-parity of particle X
9	C-parity of particle X

-bj	CFQ “Colors” and “Flavors” of Quarks
1	up
2	charm
3	top
4	red
5	green
6	blue
7	bottom
8	strange
9	down

-ltř	ION Ionic Compounding Elements
1	transition metal cation with +1 charge
2	transition metal cation with +2 charge
3	transition metal cation with +3 charge
4	transition metal cation with +4 charge
5	hydrogen + anion acid (i.e., hydro-...-ic acid), e.g., when used with chlorine, this results in hydrochloric acid, i.e., hydrochloride / chlorhydrate
6	compounding anion with -4 charge
7	compounding anion with -3 charge
8	compounding anion with -2 charge
9	compounding anion with -1 charge

-rtl	AMC Number of Atoms in a Molecular Compound
1	deca- *
2	di-
3	tri-
4	tetra-
5	penta-
6	hexa-
7	hepta-
8	octa-
9	nona-

* A single atom (equivalent to English "mono-") is indicated by the absence of the suffix; therefore Degree 1 of this affix is used to signify ten atoms (deca-).

-ct	PIA Polyatomic Ions A
1	sulfate
2	nitrate
3	chlorate
4	arsenate
5	carbonate
6	chromate
7	bromate
8	phosphate
9	iodate

-zt	PIB Polyatomic Ions B
1	sulfite
2	nitrite
3	chlorite
4	arsenite
5	hydroxide
6	chromite
7	bromite
8	phosphite
9	iodite

-ct	PIC Polyatomic Ions C
1	peroxide
2	silicate
3	citrate
4	acetate
5	oxide
6	cyanide
7	tartrate
8	formate
9	oxalate

-jt	PID Polyatomic Ions D
1	thiocyanate
2	thiosulfate
3	glycol
4	hexacyanoferrate
5	permanganate
6	succinate
7	azanide / amide
8	manganate
9	benzoate

-zt	CPI Polyatomic Cations
1	ammonium
2	fluoronium
3	hydronium
4	pyrylium
5	phosphonium
6	guanidinium
7	tropylium
8	triphenylcarbenium
9	cyclopropenium

-zt	PIC Additional Polyatomic Ionic Configurations
1	-ate (base oxyanion), e.g., sulfate
2	-ite (i.e., one less oxyanion than base form), e.g., sulfite
3	hypo- ... -ite (two less oxyanions than base form), e.g., hyposulfite
4	per- ... -ate (one more oxyanion than base form), e.g., persulfate
5	-ide (anionic element where electron charge not specified), e.g., sulfide
6	bi- ... -ate / hydrogen ... -ate (hydrogen + one oxyanion more than base form), e.g., bisulfate
7	dihydrogen ... -ate (two hydrogens + one oxyanion more than base form), e.g., dihydrogen phosphate
8	di- ... -ate (two atoms of an element + one oxyanion more than base form), e.g., dichromate
9	di ... -ide (two atoms of an element + base oxyanion), e.g., disulfide

-sđ	GPA Functional Group A
1	alkane, alkyl-, -ane
2	alkene, alkenyl-, -ene
3	alkyne, alkynyl-, -yne
4	benzene deriv., phenyl-, benzene
5	halo-, alkyl halide
6	fluoro-, alkyl fluoride
7	chloro-, alkyl chloride
8	bromo-, alkyl bromide
9	iodo-, alkyl iodide

-sł	GPB Functional Group B
1	hydroxyl, hydroxy-, -ol
2	carbonyl, oxo-, -oyl-, -one
3	aldehyde, -formyl-, -al
4	haloformyl, carbono...oyl-, -oyl halide
5	carbonate ester, alkoxycarbonyloxy-, alkyl carbonate
6	carboxylate, carboxy-, -oate
7	carboxyl, carboxy-, -oic acid
8	carboalcoxy, alkanoyloxy-, alkyl alkanoate
9	methoxy, methoxy-

-šđ	GPC Functional Group C
1	hydroperoxy-, alkyl hydroperoxide
2	peroxy-, alkyl peroxide
3	ether, alkoxy-, alkyl ether
4	hemiacetal, alkoxy -ol, -al alkyl hemiacetal
5	hemiketal, alkoxy -ol, -one alkyl hemiketal
6	acetal, dialkoxy-, -al dialkyl acetal
7	ketal, dialcoxy-, -one dialkyl ketal
8	orthoester, -trialkoxy
9	orthocarbonate ester, tetraalkoxy-, tetraalkyl orthocarbonate

-šł	GPD Functional Group D
1	methlenedioxy-, -dioxole
2	carboxylic anhydride, anhydride
3	carboxamide, carboxamido-, carbamoyl-, -amide
4	primary amine, amino-, -amine
5	secondary amine, amino-, -amine
6	tertiary amine, amino-, -amine
7	ammonio-, -ammonium
8	imide, imido-, -imide
9	azide, azido-, alkyl azide

-zd	GPE Functional Group E
1	primary ketimine, imino-, imine
2	secondary ketimine, imino-, -imine
3	primary aldimine, imino-, imine
4	secondary aldimine, imino-, -imine
5	azo diimide, azo-, -diazene
6	cyanate, cyanato-, alkyl cyanate
7	isocyanate, isocyanato-, alkyl isocyanate
8	nitrate, nitrooxy-, nitroxy-, alkyl nitrate
9	nitrite, nitrosooxy-, alkyl nitrite

-zl	GPF Functional Group F
1	nitrile, cyano-, alkanenitrile, alkyl cyanide
2	isonitrile, isocyano-, alkaneisonitrile, alkyl isocyanide
3	nitro compound, nitro-
4	nitroso compound, nitroso-, nitrosyl-
5	oxime
6	pyridyl, 4-pyridyl, 3-pyridyl, 2-pyridyl, -pyridine
7	carbamate, -carbamoxyloxy-, -carbamate
8	phosphine, phosphanyl-, -phosphane
9	phosphonic acid, phosphono-, -phosphonic acid

-zd	GPG Functional Group G
1	phosphate, phosphonooxy-, O-phospono-, ... phosphate
2	phosphodiester, hydroxyphosphoryloxy-, di...hydrogen phosphate
3	boronic acid, borono-, ... boronic acid
4	boronate, O-alkylboronyl-, ... boronic acid di... ester
5	boronic acid, hydroxyborino-, di... obrinic acid
6	borinate, O-alkoxydialkylboronyl-, di... borinic acid ... ester
7	alkylithium, -lithium
8	alylmagnesium halide, -magnesium halide
9	alkylaluminium, -aluminium / -aluminum

-zl	GPH Functional Group H
1	sulfhydryl, sulfanyl-, -thiol
2	sulfide, -sulfanyl-, di... sulfide
3	disulfide, -disulfanyl-, di... disulfide
4	sulfoxide, -sulfinyl-, di... sulfoxide
5	sulfone, -sulfonyl-, di... sulfone
6	sulfinic acid, sulfino-, -sulfinic acid
7	sulfonic acid, sulfo-, -sulfonic acid
8	sulfonate ester, alkoxysulfonyl-, -sulfonate
9	carbonothioyl, -thioyl-, sufanylidene-, -thione

-zd	GPJ Functional Group J
1	thiocyanate, thocyanato-, ...thiocyanate
2	isothiocyanate, isothiocyano-, ...isothiocyanate
3	carbonothioyl, methanethioyl-, sufanylidene-, -thial
4	carbothioic S-acid, mercaptocarbonyl-, -thioic S-acid
5	carbothioic O-acid, hydroxythiocarbonyl-, -thioic O-acid
6	thiolester, S-alkyl-alkane-thioate
7	thionoester, O-alkyl-alkane-thioate
8	carbodithioic acid, dithiocarboxy-, -dithioic acid
9	dithiocarboxylic acid ester, -dithioate

-ntř	HDM Hidden or Double Meaning
1	the hidden, double-, or intended meaning of a non-verbal signal, gesture, movement, or sign contained in or implied by X
2	a hidden warning/advisory gleaned from a non-verbal signal, gesture, movement, or sign contained in or implied by X
3	a clue or unintended piece of information gleaned from a non-verbal signal, gesture, movement, or sign contained in or implied by X
4	without any hidden or double-meaning being contained in a non-verbal signal, gesture, movement, or sign contained in or implied by X
5	hidden meaning or double-meaning contained in or implied by X not gleaned/noticed by addressee; addressee fails to read between the lines of X; the hidden meaning implied by X gone over the addressee's head
6	without any hidden or double-meaning being contained in verbal or written communication X
7	a clue or unintended piece of information gleaned from verbal or written communication X
8	a hidden warning/advisory gleaned from verbal or written communication X
9	the hidden, double-, or intended meaning of verbal innuendo X

-lg	URS Usage of a Resource
1	with X going foolishly unused / with X being needlessly wasted
2	with X going unused / with X being wasted
3	with (there being) X left over / with X remaining
4	with (there being) additional X / with extra X
5	with (there being) just the right amount or number of X
6	with a decreasing supply/amount of X
7	with X being scarce / with X being hard to come by / running short of or on X
8	with (there being) not enough X / with (there being) a lack of sufficient X
9	with X (having been) foolishly depleted / having run out of X through lack of planning or foresight

-jf	CRE Capacity for a Relationship with an Entity
1	ability/capacity to consider/ponder/analyze X
2	ability/capacity to recognize/acknowledge X; ability/capacity to take X seriously
3	ability/capacity to understand X
4	ability/capacity to withstand/tolerate/hold up/perservere against X
5	ability/capacity to appreciate X; ability/capacity to accept how and why X functions or is important
6	ability/capacity to practice/perform/participate in X
7	ability/capacity to empathize with X; ability/capacity to see X's point of view or "stand in the shoes" of X
8	ability/capacity to socialize with X or allow X to be part of one's life
9	ability/capacity to love X