

Interstellar Common Dictionary v5.1

Note: some glyphs in this dictionary may be deprecated due to mistakes and changes to the reference grammar. This is especially true of the verbs, as I only recently added the light verb construction in Version 5.

Some of the tables are copied from the reference grammar.

For convenience, all of the glyphs used in the translation relay are highlighted in yellow. These should all be accurate.

And no, there is no coherent indexing system for the general vocabulary. (I nominally have an alphabet of glyph shapes, but it turned out to be near-useless.)

Grayed-out boxes are unused.

Numbers					
0	X	12	山	12^{-1}	▽
1	7	12^2	卅	12^{-2}	卅
2	ㄣ	12^3	卅	12^{-3}	◇
3	Σ	12^4	φ	12^{-4}	φ
4	∫	12^8	⊗	12^{-8}	⊗
5	┆	12^{12}	⊗	12^{-12}	☆
6	⚡	12^{16}	ㄣ	12^{-16}	Y
7	R	12^{20}	ㄣ	12^{-20}	ㄣ
8	h	E	山		
9	h				
10	ψ	e	⊗	i	ℓ
11	ℓ	τ (2π)	⊖	∞	⊕

Mathematical Operators			
Nullary			
TRUE	\emptyset	FALSE	\emptyset
NULL	\bigcirc		
Unary			
Unary Positive (+)	\perp	Unary Negative (−)	\top
Plus-or-Minus (\pm)	\pm		
PROP	\vdash	NOT	\neg
Binary			
Addition (+)	$=$	Subtraction (−)	$-$
Multiplication (\times)	\times	Division (\div)	\div
Exponentiation (\wedge)	$\#$	Logarithm (ln)	$\#$
Equal (=)	\equiv	Not Equal (\neq)	\neq
Approx. Equal (\approx)	\approx		
Less-or-Equal (\leq)	\leq	Greater-or-Equal (\geq)	\geq
Less Than (<)	$<$	Greater Than (>)	$>$
Least/Minimum	\searrow	Greatest/Maximum	\nearrow
AND	$\&$	NAND	$\&$
OR	\vee	NOR	\vee
XOR	\oplus	XNOR/IFF	\oplus
IMPLY	\Rightarrow	NIMPLY	\Rightarrow
CONV	\Leftarrow	NCONV	\Leftarrow
N-ary			
Minimum	\searrow	Maximum	\nearrow
AND	$\&[\bigcirc]$	NAND	$\&[\bigcirc]$
OR	$\vee[\bigcirc]$	NOR	$\vee[\bigcirc]$
XOR	$\oplus[\bigcirc]$	XNOR/“All-or-Nothing”	$\oplus[\bigcirc]$
IMPLY/ordered list	$\Rightarrow[\bigcirc]$		

Coordinate Locatives										
Axis	Neutral		+Relative		-Relative		+Absolute		-Absolute	
<i>x</i>	Transverse	⌈⌋	Right	⌈	Left	⌋	Starboard	⌈⌋	Port	⌋⌋
<i>y</i>	Longitudinal	≡	Forward	⌈	Backward	⌋	Fore	⌈	Aft	⌋
<i>z</i>	Vertical	⌈⌋	Up	⌈	Down	⌋	*North	⌈	*South	⌋
<i>r</i>	Lateral	⌈⌋	*Away	⌈	*Toward	⌋	Rimward	⌈	Hubward	⌋
<i>θ</i>	Azimuthal	⌈⌋	*Right	⌈	*Left	⌋	East	⌈	West	⌋
<i>ρ</i>	Radial	⌈	Away	⌈	Toward	⌋	Outward	⌈	Inward	⌋
<i>φ</i>	Altitudinal	⌈	*Up	⌈	*Down	⌋	North	⌈	South	⌋
<i>t</i>	Temporal	⌈	After	⌈	Before	⌋	Future	⌈	Past	⌋
<i>d</i>	Distance	⌈	Far	⌈	Near	⌋	Long	⌈	Short	⌋
<i>N</i>	Number	⌈	More	⌈	Fewer	⌋	Many	⌈	Few	⌋
<i>σ</i>	Amount/Degree	⌈			Less		Much	⌈	Little	⌋

*Items marked with asterisks are used differently from their standard usage in English.

Aspectual Locatives								
Earlier	<i>s</i>	<i>t</i>	Neutral	<i>s</i>	<i>t</i>	Later	<i>s</i>	<i>t</i>
			Inside	⌈	⌋			
			While					
At Start			At, Now	⌈	⌋	At End		
Starting from			Against Wall			Up to		
			Through	⌈	⌋			
Through to End			To Far Wall			Out from Start		
Into	⌈		Crossing Border			Out of	⌋	
Until	⌈	⌋	Adjacent	⌈		From	⌋	⌋
Before		⌋	Outside	⌈	⌋	After		⌈

Note: some of these glyphs (namely ⌋ and ⌈) are also used as coordinate locatives.

Note: this table is heavily incomplete. I'll fill in the missing glyphs at a later date.

Animacy Hierarchy				
Required		Optional		Examples
𐄂	Sapient	𐄃	Trans-Sapient	Deities, super-AIs, hive minds
		𐄄	Basic Sapient	Humans and equivalent
		𐄅	Near-Sapient	Chimpanzees, dolphins, elephants, corvids
𐄆	Animate	𐄇	Work Animals*	Dogs, cats, livestock, cephalopods
		𐄈	Companion Animals*	Rodents, songbirds, crocodilians
		𐄉	Basic Animals	Fish, amphibians, lizards
△	Inanimate / Non-Thinking	𐄊	Automatons	Insects, simple electronics
		𐄋	Living Non-Animals	Plants, fungi, some simple machines
		△	Non-Living	Non-living matter, energy, concepts

*These classes also apply to wild animals, but the meanings are in the context of uplift.

Pro-Forms/Demonstratives					
		PROX		OBV	
	NDEF	SG	PL	SG	PL
Determiner		𐄂		𐄃	
Trans-Sapient	𐄃	𐄄	𐄅	𐄆	𐄇
Basic Sapient	𐄄	𐄅	𐄆	𐄇	𐄈
Near-Sapient	𐄅	𐄆	𐄇	𐄈	𐄉
Work Animal	𐄇	𐄈	𐄉	𐄊	𐄋
Companion Animal	𐄈	𐄉	𐄊	𐄋	𐄌
Basic Animal	𐄉	𐄊	𐄋	𐄌	𐄍
Automaton	𐄊	𐄋	𐄌	𐄍	𐄎
Living Non-Animal	𐄋	𐄌	𐄍	𐄎	𐄏
Non-Living	△	△	𐄍	𐄎	𐄏
Verb	𐄐	𐄑		𐄒	
Modifier	△	𐄓		𐄔	
Locative (Place)	𐄕	𐄖		𐄗	
Locative (Time)	𐄘	𐄙		𐄚	
Quantifier (Amount)*	𐄛	𐄜		𐄝	
Quantifier (Number)*	𐄞	𐄟		𐄠	

*These can also be used as neutral locatives.

Personal Pronouns							
	Singular	Plural					
1st Person	𐌰	(1+1)	𐌰	(1+2)	𐌱	(1+3)	𐌲
2nd Person Trans-Sapient	𐌴			(2+2)	𐌵	(2+3)	𐌶
2nd Person Sapient	𐌷			(2+2)	𐌸	(2+3)	𐌹
2nd Person Animate	𐌺			(2+2)	𐌻		
3rd Person Reflexive	𐌼						
3rd Person Antireflexive	𐌽	𐌾					
3rd Person Reciprocal		𐌿					

Common Grammatical Particles (Not a Closed Class)

Delimiters (Quarter-Width)		Modal Particles		Auxiliary Modifiers	
Primary Delimiter	𐌪	Indicative	𐌺	Direct Object	𐌰
Secondary Delimiter	𐌫	Dubitative	𐌻	Gnomic	𐌴
Radix Point	𐌬	Negative	𐌽	Indirect Object	𐌷
Digit Separator	𐌭	Interrogative	𐌾	Of	𐌺
Repeat Sign	𐌮	Hypothetical	𐌿	By	𐌻
Brackets (Half-Width)		Imperative	𐌰	For	𐌼
Full Stop (Verb Clause)	𐌱	Precative	𐌴	About	𐌽
Noun Clause (COMP)	𐌲	Propositive	𐌶	With (COM)	𐌿
Nested Noun Clause	𐌳	Additional Determiners		Without (COM)	𐌰
Modifier Clause (REL)	𐌴	Which	𐌱	With (INSTR)	𐌴
Nested Modifier Clause	𐌵	This (PROX)	𐌲	Without (INSTR)	𐌶
Proper Name	𐌶	That (MED)	𐌳	Although	𐌷
List	𐌷	Each	𐌸	Plural	𐌺
Nested List	𐌸	Any	𐌹		
Quotation Marks	𐌹	Another	𐌺		
Nested Quotes	𐌺				
End-of-Line Spacers (Variable-Width)					
Quarter-Width	𐌻				
Half-Width	𐌼				
Three-Quarter-Width	𐌽				

Technical Vocabulary							
Units of Measure				Astronomy		Physics	
Blink (0.3 s)	㇏	Tile (0.045 m ²)	㇏	Habitable Planet	㇏	Proton	㇏
Minute	㇏	Peck (9 liters)	㇏	Solid Planet	㇏	Neutron	㇏
Hour	㇏	Spacetime-Unit	㇏	Water Planet	㇏	Nucleus	㇏
Day	㇏	Quarter (0.24 g's)	㇏	Gas Planet	㇏	Electron	㇏
Year	㇏	Force-Unit (22 N)	㇏	Brown Dwarf	㇏	Photon	㇏
Span (21 cm)	㇏	Trip (5 mbar)	㇏	Star	㇏	Light	㇏
Light-Second	㇏	Calorie (4.5 J)	㇏	Sun	㇏	Sound	㇏
Light-Minute	㇏	Power-Unit (15 W)	㇏	Pulsar	㇏	Energy	㇏
Light-Hour	㇏	Degree (1.22 K)	㇏	Black Hole	㇏	Matter	㇏
Light-Day	㇏	Charge-Unit (2.1 C)	㇏	Sag A*	㇏	Solid	㇏
Light-Year	㇏	Arc-Blink	㇏	Galaxy	㇏	Liquid	㇏
Proton Mass	㇏	Arc-Minute	㇏	Milky Way	㇏	Gas	㇏
Gill (133 g)	㇏	Arc-Hour	㇏	Universe	㇏	Measurement	㇏
Planet Mass	㇏	Radian	㇏	Rotation	㇏	Angle	㇏
Star Mass	㇏	Turn	㇏	Orbit	㇏	Circle	㇏
				Orbital Period	㇏	Radius	㇏
				Space	㇏	Diameter	㇏
				Time	㇏	Wave Cycle	㇏
				Spacetime	㇏	Mass	㇏
				Supernova	㇏	Pressure	㇏
				Gamma-Ray Burst	㇏	Charge	㇏
				Blackbody	㇏	Dipole	㇏
Chemistry							
H	㇏	H ₂	㇏			Atom	㇏
C	㇏					Ion	㇏
N	㇏	N ₂	㇏			Anion	㇏
O	㇏	O ₂	㇏			Cation	㇏
P	㇏					Superfluid	㇏
S	㇏					Molecule	㇏
H ₂ O	㇏	-OH	㇏			To Freeze	㇏
NH ₃	㇏	-NH ₂	㇏	-NH-	㇏	To Melt	㇏
		=NH (aldimine)	㇏	=NH (ketimine)	㇏	To Boil	㇏
CH ₄	㇏	-CH ₃	㇏	-C ₂ H ₅	㇏	To Condense	㇏
CO	㇏	=O (aldehyde)	㇏	=O (ketone)	㇏	To Deposit	㇏
CO ₂	㇏					To Sublimate	㇏
HCN	㇏	-CN	㇏	Ethane	㇏		
CH ₂ O	㇏			Alkane	㇏		
Benzene	㇏	Graphene	㇏	Polyethylene	㇏		

General Vocabulary, Nouns					
Common	汎	Surface	へ	Life	生
Name	(人)	Sky	天	Plant	草
Example	例	Night	夜	Animal	獣
People	人	Spring	春	Microbe	菌
Parent	親	Summer	夏	Polymer	高分子
Child (Offspring)	子	Autumn	秋	Saccharide	糖
Grandparent	祖	Winter	冬	Protein	蛋白質
Grandchild	孫	Atmosphere	気	Seed	子
Mate	配偶	Body of Water	水	Tree	木
Male (n.)	男	Ocean	海	Root	根
Female (n.)	女	Lake	湖	Branch	枝
Ancestor	祖	River	川	Leaf	葉
Descendant	子孫	Spring (Water)	泉	Forest	林
Child (Youth)	子	Crust	地	Grove	園
Friend	友	Land	地	Grass	草
Enemy	敵	Rock	石	Grassland	草原
Killer	殺	Mountain	山	Glade	庭
Monster	怪	Metal	金	Wilderness	荒野
Ruler/Leader	王	Crystal	晶	Park	公園
God	神	Ice	氷	Egg	卵
Everything	凡	Salt	塩	Worm	虫
Mind	心	Dust	塵	Flying Animal	鳥
Idea	思	Sand	砂	Social Animal	獣
Computer Intelligence	知	Soil	土	Pet	ペット
Question (n.)	問	Wind	風	Herbivore	草食
Information	情	Dust Storm	塵	Carnivore	肉食
Paradox	悖	Cloud	雲	Mouth	口
Image	画	Fog	霧	Food	食
Color	色	Rain	雨	Meat	肉
Double Wave	波	Snow	雪	Vegetable	野菜
Probability	率	Steam	汽	Money	金
Game	遊	Fire	火	Starch	澱粉
Victory	勝	Smoke	煙	Fact	事
Defeat	敗	Ash	灰	Source	源
Work	工	Rope	縄	Building	建
Small Job	小工	Weave	織	City	市
Big Job	大工	Fiber	糸	Town	町
Meeting	会	Paper	紙	Village	村
Maintainer	保	Confetti	屑	Today	日

Event	⊕	Flying Predator	𐄧	Yesterday	𐄨
Start (n.)	𐄩	Resource	𐄪	Tomorrow	𐄫
Middle (n.)	𐄬	Plan	𐄭	This Year	𐄮
End (n.)	𐄯	Fish	𐄰	Last Year	𐄱
Empty Set/Nothing	⊗	Fisherman	𐄲	Next Year	𐄳
NULL	○	Fruit	𐄴	Past	𐄵
Arrow	+	Sphere	⊕	Future	𐄷
Head	𐄹	Blade	𐄺	Hand/Manipulator	𐄻
Eye/Camera	𐄼	Wheel	𐄽	Wing	𐄾
Lens	𐄿	Lever	𐅀	Leg	𐅁
Ear/Microphone	𐅂	Pulley	𐅃	Tail	𐅄
Neck	𐅅	Machine	𐅆	Tool	𐅇
Back (Body Part)	𐅈	Container	𐅉	Hook	𐅊
Belly	𐅋	Mirror	𐅌	Motion	𐅍
Organ	𐅎	Sensor	𐅏	Land Vehicle	𐅐
Skin	𐅑	Receiver	𐅒	Road	𐅓
Blood	𐅔	Transistor	𐅕	Track (Running)	𐅖
Joint	𐅗	Computer	𐅘	Trail	𐅙
Route	𐅚				

General Vocabulary, Verbs					
To Exist	𐅛	To Come	𐅜	To Bite	𐅝
To Think	𐅞	To Go	𐅟	To Scratch	𐅠
To Say	𐅡	To Arrive	𐅢	To Hit	𐅣
To Believe	𐅤	To Leave	𐅥	To Squeeze	𐅦
To Define	𐅧	To Step	𐅨	To Cut	𐅩
To Consider	𐅪	To Walk	𐅫	To Split	𐅬
To Ask	𐅭	To Run	𐅮	To Stab	𐅯
To Want	𐅰	To Hop	𐅱	To Burn	𐅲
To Need	𐅳	To Skip	𐅴	To Fight	𐅵
To Help	𐅷	To Gallop	𐅸	To Hunt	𐅹
To Hope	𐅺	To Limp	𐅻	To Fear	𐅼
To Cause	𐅽	To Climb	𐅾	To Sense	𐅿
To Make	𐆀	To Fly	𐆁	To See	𐆂
To Like	𐆃	To Swim	𐆄	To Hear	𐆅
To Rest	𐆇	To Flow	𐆈	To Smell	𐆉
To Stand	𐆊	To Float	𐆋	To Taste	𐆌
To Push	𐆍	To Fall	𐆎	To Move	𐆏
To Pull	𐆐	To Rise	𐆑	To Hold	𐆒
To Throw	𐆓	To Drive	𐆔	To Give	𐆕

To Kick	𢀆	To Dig	𢀇	To Receive	𢀈
To Suck	𢀉	To Work	𢀊	To Take	𢀋
To Blow	𢀌	To Practice	𢀍	To Abandon	𢀎
To Eat	𢀏	To Amuse	𢀐	To Meet	𢀑
To Drink	𢀒	To Play (have fun)	𢀓	To Trade	𢀔
To Breathe	𢀕	To Play (a game)	𢀖	To Count	𢀗
To Mate	𢀘	To Win	𢀙	To Tie	𢀚
To Reproduce	𢀛	To Lose (Defeat)	𢀜	To Rub	𢀝
To Die/Kill	𢀞	To Provide	𢀟	To Color	𢀠
To Appoint	𢀡	To Teach, To Inform	𢀢	To Fix	𢀣
To Try	𢀤	To Know	𢀥	To Clean	𢀦
To Sell	𢀧	To Heat	𢀨	To Maintain	𢀩
To Search	𢀪	To Cool	𢀫	To Cook	𢀬
To Have	𢀭	To Rain	𢀮	To Swell	𢀯
To Grow	𢀰	To Shrink	𢀱	To Survive	𢀲

General Vocabulary, Modifiers					
Good	𢀳	May	𢀴	Rough	𢀵
Bad	𢀶	Can	𢀷	Smooth/Straight	𢀸
Neutral	𢀹	Contrast	𢀺	Flat	𢀻
Big	𢀼	Enough	𢀽	Round	𢀾
Small	𢀿	Alone	𢁀	Sharp	𢁁
Microscopic	𢁂	Each	𢁃	Dull	𢁄
Tall	𢁅	Loud	𢁆	Heavy	𢁇
Short	𢁈	Quiet	𢁉	Light (Weight)	𢁊
Long	𢁋	Clean	𢁌	Full	𢁍
Wide	𢁎	Dirty	𢁏	Empty	𢁐
Narrow	𢁑	Bloody	𢁒	Easy	𢁓
Thick	𢁔	Rotten	𢁕	Difficult	𢁖
Thin	𢁗	Fresh	𢁘	Sick/Injured	𢁙
Old	𢁚	Sweet	𢁛	Electric	𢁜
New	𢁝	Powerful	𢁞	Initial	𢁟
Alive	𢁠	Non-thinking	𢁡	Last	𢁢
Dead	𢁣	Tetrahedral	𢁤	First	𢁥
Afraid	𢁦	Most	𢁧	Second	𢁨
Excited	𢁩	Many	𢁪	Third	𢁫
Happy	𢁬	Uncertain	𢁭	Not Literal	𢁮
Dark/Black	𢁯	Open	𢁰	Local	𢁱
Gray	𢁲	Closed	𢁳	Divine, Transcendent, Supersapient	𢁴

White, Illuminated	☳	Fast	☰	Smart, Knowledgeable	☷
Dry	☰	Slow	☷	Only	☰
Wet	☷	Active	☰	Preserved	☷
Hot	☰	Tired	☷	Starchy	☰
Warm	☰	Healthy	☰	Aquatic, Swimming	☰
Cold	☷				