Final Agreed upon Event Primitives for KAIROS (Sent to LDC)

Conflict events

Conflict.Attack (from UIUC-CU-Columbia)

Label	**Conflict.Attack**
Description	a violent physical act causing harm or damage [1]

Slot Role	Slot Argument Constraints
Attacker	per, org, gpe, sid
Target	loc, gpe, fac, per, com, veh, wea, sid
Instrument/Means	com, veh, wea
Place	fac, loc, gpe

Temporal	
Start and End	(times specific to event)
Duration	1 second to multiple years

- Source: AIDA Type.Subtype.Subsubtype
  - LDC_evt_004   Conflict.Attack.n/a
  - LDC_evt_005   Conflict.Attack.AirstrikeMissileStrike
  - LDC_evt_006   Conflict.Attack.BiologicalChemicalPoisonAttack
  - LDC_evt_007   Conflict.Attack.Bombing
  - LDC_evt_008   Conflict.Attack.FirearmAttack
  - LDC_evt_009   Conflict.Attack.Hanging
  - LDC_evt_010   Conflict.Attack.Invade
  - LDC_evt_011   Conflict.Attack.SelfDirectedBattle
  - LDC_evt_012   Conflict.Attack.SetFire
  - LDC_evt_013   Conflict.Attack.Stabbing
  - LDC_evt_014   Conflict.Attack.StealRobHijack
  - LDC_evt_015   Conflict.Attack.Strangling

✓✓✓✓

[1] ACE English Annotation Guidelines for Events (Version 5.4.3 2005.07.01),
http://www.ldc.upenn.edu/Projects/ACE/

Conflict.Demonstrate (from UIUC-CU-Columbia)

Label	Conflict.Demonstrate
Description	A demonstration, march, protest, or political gathering

Slot Role	Slot Argument Constraints
Demonstrator	per, org, sid
Regulator	per, org
VisualDisplay	com
Place	loc, gpe, fac
Topic	tagged entity mention, tagged event mention, open string
Target	org, per, gpe

Temporal	
Start and End	(times specific to event)
Duration	minutes to months
Absolute Time Point	0:00-23:59 (most are in the daytime)

- Source: AIDA Type.Subtype.Subsubtype
  - LDC_evt_016   Conflict.Demonstrate.n/a   ✓ ✓ ✓ ✓
  - LDC_evt_017   Conflict.Demonstrate.MarchProtestPoliticalGathering

Label	Detonate, explode (concrete, can include chemical processes, etc.)
Description	Explode a device

Slot Role	Slot constraints
SubjectAgent	PER
Object	**WEA**, VEH, FAC, COM
MeansInstrument	WEA, COM
Place	LOC

Temporal	Start/End= point, Duration = short

(*) "The bomb was detonated as the Minister's armored car passed it." (Wikipedia, Havelock Road bombing)

(*) "Both bombers detonated themselves at the factory's gates" (Wikipedia, 2008 Wah bombing)

✓ ✓ ✓ ✓

Event Primitive Candidate CMU-1

Label	defeat
Description	defeat in a conflict or an election (but not a game-style competition)
Parents	conflict

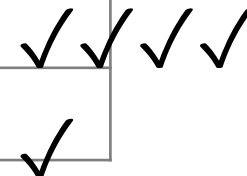| Slot Role	Slot Argument Constraints
Victor/Agent	per, org, gpe, sid
Defeated/Victim	per, org, gpe, sid
Conflict	conflict event, election, event
Place	loc, gpe, fac

Temporal	
Start and End	(times specific to event)
Duration	1 minute through 1 day expected

✓✓✓✓

Event Primitive Candidate **COL**

Label	election
Description	government or organization approved process for democratically electing officials (not appointments)
Parents	**government processes**

Slot Role	Slot Argument Constraints
AgentVoter	per, org, gpe, sid
Theme/Candidate	per,
Goal	TTL
Place	loc, gpe, fac

Temporal	
Start and End	(times specific to event) ✓✓✓✓
Duration	1 day through several weeks expected ✓

Contact/communication events

Contact.Contact (back off)

Label	Contact.Contact
Description	An event where two or more participants communicate over any medium, either in person, or not.

Slot Role	Slot Argument Constraints
Participant	per, org, gpe, sid
Topic	Event, Entity, InformationObject.TopicFiller
Place	loc, gpe, fac
Temporal	
Start and End	(times specific to event)
Duration	minutes to days
Absolute Time Point	0:00-23:59 (most are in the daytime)

✓ ✓ ✓ ✓

Contact.Meet (from UIUC-CU-Columbia)

Label	Contact.Meet
Description	An event where two or more participants communicate in person

Slot Role	Slot Argument Constraints
Participant	per, org, gpe, sid
Topic	Event, Entity, InformationObject.TopicFiller
Place	loc, gpe, fac
Temporal	
Start and End	(times specific to event)
Duration	minutes to days
Absolute Time Point	0:00-23:59 (most are in the daytime)

- Source: AIDA Type.Subtype.Subsubtype
    - ○ LDC_evt_023   Contact.Collaborate.Meet
    - ○ LDC_evt_027   Contact.CommandOrder.Meet
    - ○ LDC_evt_031   Contact.CommitmentPromiseExpressIntent.Meet
    - ○ LDC_evt_034   Contact.Discussion.Meet
    - ○ LDC_evt_036   Contact.FuneralVigil.Meet
    - ○ LDC_evt_041   Contact.Negotiate.Meet
    - ○ LDC_evt_045   Contact.Prevarication.Meet
    - ○ LDC_evt_051   Contact.RequestAdvise.Meet   ✓✓✓✓
    - ○ LDC_evt_055   Contact.ThreatenCoerce.Meet

Contact.Correspondence (from UIUC-CU-Columbia)

Label	Contact.Correspondence
Description	An event where two or more participants communicate in a way that is not in person (e.g. email, phone, etc.)

Slot Role	Slot Argument Constraints
Participant	per, org, gpe, sid
Topic	Event, Entity, InformationObject.TopicFiller
Instrument	com,
Topic	Event, InformationObject.ToipicFiller
Place	loc, gpe, fac
Temporal	
Start and End	(times specific to event)
Duration	minutes to days
Absolute Time Point	0:00-23:59 (most are in the daytime)

- Source: AIDA Type.Subtype.Subsubtype
  - LDC_evt_022   Contact.Collaborate.Correspondence
  - LDC_evt_026   Contact.CommandOrder.Correspondence
  - LDC_evt_030   Contact.CommitmentPromiseExpressIntent.Correspondence
  - LDC_evt_033   Contact.Discussion.Correspondence ✓ ✓ ✓
  - LDC_evt_041   Contact.Negotiate.Correspondence

Contact.Broadcast   **NEW**

Label	**Contact.Broadcast**
Description	An event where a participant(s) communicates specific information in a one-way communication without any expectation of response, not in person
Slot Role	**Slot Argument Constraints**
Participant	per, org, gpe, sid
Topic	Event, Entity, InformationObject.TopicFiller
Instrument	com,
Place	loc, gpe, fac

Temporal	
Start and End	(times specific to event)
Duration	minutes to days
Absolute Time Point	0:00-23:59 (most are in the daytime)

✓✓✓✓

Movement events

Movement.Transportation (from ISI) (backoff/supertype)

Label	**Movement.Transportation**
Description	Physical moving between places

Slot Role	Slot Argument Constraints
Source Place	loc, fac, gpe
Destination Place	loc, fac, gpe
Agent of movement	per
Method of movement/ instrument	veh, (if present, but not needed for walking, running, etc.)
Thing(s) moved	per, any physical object: (mon,bal,com,veh,wea ??loc.land,??fac)
Temporal	
Start and End	(times specific to event)
Duration	1 second to multiple years (continental drift)

- collapse ~14 AIDA leaves:
  - LDC_evt_100/112--- Movement.TransportArtifact/Person.n/a
  - LDC_evt_101/113--- Movement.TransportArtifact./PersonBringCarryUnload
  - LDC_evt_102--- Movement.TransportArtifact./PersonDisperseSeparate
  - LDC_evt_103/116--- Movement.TransportArtifact./PersonFall
  - LDC_evt_106--- Movement.TransportArtifact./PersonNonviolentThrowLaunch
  - LDC_evt_109--- Movement.TransportArtifact.ReceiveImport

Movement.Transportation (from ISI) legal

Label	**Movement.TransportationAllowed?Overt?Legal?**
Description	Physical moving between places

Slot Role	Slot Argument Constraints
Source Place	loc, fac, gpe
Destination Place	loc, fac, gpe
Agent of movement	per
Method of movement/ instrument	veh, (if present, but not needed for walking, running, etc.)
Thing(s) moved	per, any physical object: (mon,bal,com,veh,wea ??loc.land,??fac)
Temporal	
Start and End	(times specific to event)
Duration	1 second to multiple years (continental drift)

- collapse ~14 AIDA leaves:
  - LDC_evt_100/112--- Movement.TransportArtifact/Person.n/a
  - LDC_evt_101/113--- Movement.TransportArtifact./PersonBringCarryUnload
  - LDC_evt_102--- Movement.TransportArtifact./PersonDisperseSeparate
  - LDC_evt_103/116--- Movement.TransportArtifact./PersonFall
  - LDC_evt_106--- Movement.TransportArtifact./PersonNonviolentThrowLaunch
  - LDC_evt_109--- Movement.TransportArtifact.ReceiveImport

Movement.Transportation (from ISI) - illegal

Label	**Movement.TransportationDisallowed?Covert?Illegal?**
Description	Physical moving between places illegally, such as smuggling, trafficking, illegal border crossings

Slot Role	Slot Argument Constraints
Source Place	loc, fac, gpe
Destination Place	loc, fac, gpe
Agent of movement	per
Method of movement/ instrument	veh,
Thing(s) moved	per, any physical object: (mon,bal,com,veh,wea ??loc.land,??fac)
Temporal	
Start and End	(times specific to event)
Duration	1 second to multiple years (continental drift)

- collapse ~14 AIDA leaves:
  - LDC_evt_111--- Movement.TransportArtifact.SmuggleExtract ILLEGAL REL as METHOD?
  - LDC_evt_122--- Movement.TransportPerson.SmuggleExtract

✓✓✓✓

Evacuation (from UIUC-CU-Columbia)

Label	Movement.Transportation.Evacuation
Description	An urgent immediate egress of people away from an area that contains an imminent threat, an ongoing threat or a hazard to lives or property

Slot Role	Slot Argument Constraints
Agent	per, org, gpe, sid
Patient	per, org, gpe, sid
Method of Movement/ Instrument	veh
Origin	loc, gpe, fac
Destination	loc, gpe, fac
Temporal	
Start and End	(times specific to event)
Duration	days to months
Absolute Time Point	0:00-23:59

- Source: AIDA   Type.Subtype.Subsubtype
  - LDC_evt_115   Movement.TransportPerson.EvacuationRescue

✓ ✓ ✓ ✓

Label	**PreventPassage**
Description	preventing entry or exit from a location
Parents/Domain	Transport

Slot Role	Slot constraints
Granter/Agent	Person, organization, side
PreventedEntity/Theme	Person, organization, side, com, wea, mon
Passageway	fac, loc, gpe
Means/Instrument	veh, per, com, fac,

Temporal	

Composite event? ✓ ✓ ✓ ✓

Label	**Grant/AllowPassage**
Description	granting or allowingentry or exit from a location
Parents/Domain	Transport

Slot Role	Slot constraints
Grantor/Agent	Person, organization, side
Theme	Person, organization, side, com, wea, mon
Passageway	fac, loc, gpe
Means/Instrument?	veh, per, com, fac,

Temporal	

Composite event? ✓

Change of possession events

Label	Transaction.Exchange
Description	A transaction in which possession, ownership, or control of something is obtained, applicable to any type, nature, or method of acquisition including barter

Slot Role	Slot Argument Constraints
GiverOrGranterOrSource	per, org, gpe, sid
AcquirerOrRecipient	per, org, gpe, sid
AcquiredEntity	bal, com, gpe, fac, loc, mon, org, veh, wea
ProvidedEntity/Money	mon, OR [bal, com, gpe, fac, loc, mon, org, veh, wea]
Beneficiary	per, org, gpe, sid
Place	loc, gpe, fac

Temporal	
Start and End	(times specific to event)
Duration	1 second to multiple years

Source: Based in part on the following AIDA Type.Subtypes and REO Classes
- AIDA Type.Subtype LDC_evt_130, LDC_evt_133, LDC_evt_139, and LDC_evt_144
- http://www.semanticweb.org/FrameNetOntology#Getting_FN and http://www.semanticweb.org/VerbNetOntology#Obtain-13.5.2
- http://www.semanticweb.org/FrameNetOntology#Giving_FN and http://www.semanticweb.org/VerbNetOntology#Give-13.1
- [He] ACQUIRER] bought [a bike] ACQUIREDENTITY [from Kate] SOURCE [for $10] PROVIDEDENTITY.

- http://www.semanticweb.org/FrameNetOntology#Commerce_buy_FN ✓✓✓✓

Aid (from UIUC-CU-Columbia)

Label	Aid
Description	a voluntary transfer of resources from one country to another from the perspective of governments, often with strings attached

Slot Role	Slot Argument Constraints
Agent	per, org, gpe, sid
Recipient	per, org, gpe, sid
Beneficiary	per, org, gpe, sid
Resource	mon, com, bal, fac, veh, wea, org
Place	loc, gpe, fac

Temporal	
Start and End	(times specific to event)
Duration	days to years
Absolute Time Point	0:00-23:59

- Source: similar to AIDA   Type.Subtype.Subsubtype
  - LDC_evt_132   Transaction.Transaction.GiftGrantProvideAid ✓ ✓ ✓
  - LDC_evt_136   Transaction.TransferMoney.GiftGrantProvideAid
  - LDC_evt_142   Transaction.TransferOwnership.GiftGrantProvideAid

Donation (from UIUC-CU-Columbia)

Label	Donation
Description	give something (money, goods, etc) voluntarily to some cause, such as a charity, without expect on anything in return

Slot Role	Slot Argument Constraints
Donor	per, org, gpe, sid
Recipient	per, org, gpe, sid
Beneficiary	per, org, gpe, sid
Item	mon, com, bal, fac, veh, wea, org
Place	loc, gpe, fac

Temporal	
Start and End	(times specific to event)
Duration	minutes to years
Absolute Time Point	0:00-23:59

- Source: similar to AIDA Type.Subtype.Subsubtype
  - LDC_evt_132 Transaction.Transaction.GiftGrantProvideAid
  - LDC_evt_136 Transaction.TransferMoney.GiftGrantProvideAid
  - LDC_evt_142 Transaction.TransferOwnership.GiftGrantProvideAid

✓✓✓✓

"Change of state with respect to artifacts" events

Assemble-Build (from ISI)

Label	Assemble
Description	building, putting things together, mixing. Physical action of building/manufacturing; do we include "assembly" that is taking things apart (e.g. cutting off a match's head).

Slot Role	Slot Argument Constraints
Place	loc, fac, gpe
Agent	per
CreatedEntity/Result	any physical object: = (mon,bal,com,veh,wea ??fac)
Components	per, any physical object: = (bal,com,veh,wea ??fac,??mon(counterfeiting)
Instrument	com as a placeholder
Temporal	
Start and End	(times specific to event)
Duration	1 second to hours; possibly years for large construction projects

- overlapping with physical parts of manufacture
    - LDC_evt_096--- Manufacture.Artifact.n/a
    - LDC_evt_097--- Manufacture.Artifact.Build
    - LDC_evt_099--- Manufacture.Artifact.CreateManufacture

but not, e.g. LDC_evt_098--- Manufacture.Artifact.CreateIntellectualProperty √√√ √
Several steps in building an IED seem to use this

ArtifactExistence.DamageDestroyDisableDismantle? - Backoff

Label	**ArtifactExistence.DamageDestroyDisableDismantle?**
Description	The damaging or destruction of a thing

Slot Role	Slot Argument Constraints
Agent	per, org, gpe, sid
TargetPatient	bal, com, fac, loc, mon, veh, wea
MeansInstrument	com, veh, wea
Place	loc, gpe, fac

Temporal	
Start and End	(times specific to event)
Duration	seconds to years
Absolute Time Point	0:00-23:59

- Source: AIDA   Type.Subtype.Subsubtype
  - ○ LDC_evt_003   ArtifactExistence.DamageDestroy.Destroy

✓ ✓ ✓ ✓

ArtifactExistence.Damage (from UIUC-CU-Columbia)

Label	ArtifactExistence.Damage
Description	The damaging of a thing

Slot Role	Slot Argument Constraints
Agent	per, org, gpe, sid
TargetPatient	bal, com, fac, loc, mon, veh, wea
MeansInstrument	com, veh, wea
Place	loc, gpe, fac

Temporal	
Start and End	(times specific to event)
Duration	seconds to years
Absolute Time Point	0:00-23:59

- Source: AIDA   Type.Subtype.Subsubtype
  - LDC_evt_003   ArtifactExistence.DamageDestroy.Destroy

✓✓✓✓

Label	Destroy
Description	Damage property, organization or natural resource
Parents/Domain	Attack, crime,

Slot Role	Slot constraints
Agent	Person, organization, side
TargetPatient	PER, ORG, COM, natural resource
MeansInstrument	weapon, commodity

Temporal	Start/End= all, Duration = all

(*) "The bomb destroyed 22 stalls and sent up a grey plume of smoke" (Wikipedia, 1 July 2006 Sadr City bombing)

(*) "That afternoon, the Israel Security Agency (ISA) destroyed the house,"

(Wikipedia, Dizengoff Street bus bombing"   ✓ ✓ ✓ ✓

Same as LDC_evt_001, DamageDestroy

Label	**Disable** (specific Defuse)
Description	impeding the expected functioning of an ORG, a mechanical device, or software, Ex., remove fuse from explosive
Slot Role	**Slot constraints**
Agent	Organization (law enforcement), person
TargetPatient	com, veh, wea, FAC, ORG,
Means	com,
Temporal	Start/End= point, Duration = short

(*) "Gujarat police recovered and defused two more bombs in Surat" (Wikipedia, 2008 Ahmedabad bombings)

(*) "another bomb was found and defused by a bomb disposal squad" (Wikipedia, 2008 Ahmedabad bombings)

✓ ✓ ✓ ✓

Label	**Dismantle - NEW**
Description	Disassemble an artifact in such a way that it could be reassembled
Parents/Domain	

Slot Role	Slot constraints
Agent	PER, ORG, SID
TargetPatient	WEA, VEH, FAC, COM
MeansInstrument	COM
Components	COM

Temporal	Start/End= all, Duration = all

(*) "The bomb destroyed 22 stalls and sent up a grey plume of smoke" (Wikipedia, 1 July 2006 Sadr City bombing)

(*) "That afternoon, the Israel Security Agency (ISA) destroyed the house,"

(Wikipedia, Dizengoff Street bus bombing" ✓✓✓✓

Same as LDC_evt_001, DamageDestroy

Life events

Label	**Life.Die**
Description	The death of a person

Slot Role	Slot Argument Constraints
Victim	per
Place	loc, gpe, fac

Temporal	
Start and End	(times specific to event)
Duration	1 minute through 1 day expected

[Maria] VICTIM died [in Chicago]PLACE.

Source: AIDA Type.Subtype LDC_evt_089

✓ ✓ ✓ ✓

Consume/take into the body

Label	Consume/take into the body
Description	An animal or person takes a substance into their body

Slot Role	Slot Argument Constraints
Agent	per, animals,
Consumed thing	com (includes appropriate consumables but also poisons, toxins, etc.)

Temporal	
Start and End	
Duration	1 minute to several hours

Source: RPI
[i] AGENT ate [the cake] CONSUMED
THING

✓ ✓ ✓ ✓

Label	Infect
Description	An animal (incl. people) is infected with a pathogen

Slot Role	Slot Argument Constraints
Victim	per, animal, plant
Infecting agent	infecting agents (ex., pathogen, disease, virus)
Source	com, loc
Place	loc, gpe, fac

Temporal	
Start and End	(times specific to event)
Duration	1 day to 1 year

Source: RPI
[He] VICTIM picked up [e.coli] INFECTINGAGENT [from the lettuce] SOURCE   ✓ ✓ ✓ ✓

Event Primitive Candidate 7

Label	**Inspection.SensoryObserve**
Description	An observation or inspection event, with any target of inspection

Slot Role	Slot Argument Constraints
Observer	per, org, gpe, sid
ObservedThing	per, org, gpe, sid, com, veh, wea, fac, bal, mon, crm, event
Instrument	com
Place	loc, gpe, fac
Temporal	
Start and End	(times specific to event)
Duration	1 minute to 1 year

Source: AIDA Type.Subtype LDC_evt_074

[He] OBSERVER saw [the elephant] OBSERVEDTHING
[with the binoculars]INSTRUMENT   ✓ ✓ ✓ ✓

LDC Linguistic Data Consortium

Label	Medicine.Diagnosis
Description	A determination of the disease or medical condition that explains a person's symptoms and signs

Slot Role	Slot Argument Constraints
MedicalProfessional	per
Patient	per
SymptomSign	(new filler type)
MedicalCondition	(new filler type)
Place	loc, gpe, fac

MedicalHelathIssue
MedicalHealthIssue

Temporal	
Start and End	(times specific to event)
Duration	1 minute to multiple years

Source: Based in part on the following REO Class
- http://www.semanticweb.org/FrameNetOntology#Medical_interaction_scenario_FN

✓✓✓✓

Event Primitive Candidate 11

Label	Medicine.MedicalIntervention
Description	A process of medical treatment or therapy whose goal is the attempted remediation or prevention of a health problem, usually following a diagnosis of a medical condition, or the identification of risk for a medical condition

Slot Role	Slot Argument Constraints
MedicalProfessional	per
Patient	per
TreatmentTherapy	(new filler type)
MedicalCondition	(new filler type)
MedicalResult	(new filler type)
SideEffect	(new filler type)
Place	loc, gpe, fac

delete (replace w/ Instrument) - com MedicalHelathIssue

delete
delete

Temporal	
Start and End	(times specific to event)
Duration	1 minute to multiple years

Source: Based in part on the following REO Class
- http://www.semanticweb.org/FrameNetOntology#Medical_intervention_FN

Vaccinate -

Label	Vaccinate
Description	A person is inoculated against a disease

Slot Role	Slot Argument Constraints
Agent	per, org, gpe
Patient	per
PathwayInstrument	com [covers needles, sugar cubes, needles pills, nasal spray]
Target	MedicalHealthIssue
Temporal	
Start and End	(times specific to event)
Duration	1 minute to 1 hour

✓✓✓✓

Judicial Process events

Justice.Investigate (from UIUC-CU-Columbia)

Label	Justice.Investigate
Description	Legal, journalistic, and other investigations

Slot Role	Slot Argument Constraints
Agent	per, org, gpe, sid
Defendant	per, org, gpe, sid
Crime	event, GenericCrime
Place	loc, gpe, fac

Temporal	
Start and End	(times specific to event)
Duration	days to months
Absolute Time Point	0:00-23:59

- Source: AIDA   Type.Subtype.Subsubtype
  - LDC_evt_083   Justice.Investigate.n/a
  - LDC_evt_084   Justice.Investigate.InvestigateCrime

✓✓✓✓

Justice.TrialHearing

Label	Justice.TrialHearing
	A trial event occurs whenever a court proceeding has been initiated for the purposes of determining the guilt or innocence of a person, A hearing
Slot Role	**Slot Argument Constraints**
AgentProsecutor	per, org, gpe, sid
Defendant	per, org, gpe, sid
JudgeCourt	PER, ORG
Crime	event, GenericCrime
Place	loc, gpe, fac

Temporal	
Start and End	(times specific to event)
Duration	days to months
Absolute Time Point	0:00-23:59

✓ ✓ ✓ ✓

Justice.Sentence NEW

Label	Justice.Sentence
Description	A trial event occurs whenever a court proceeding has been initiated for the purposes of determining the guilt or innocence of a person. A Sentence event takes place whenever the punishment (particularly incarceration) for the defendant of a trial event is issued by a state actor (a GPE, an organization subpart or a person representing them).

Slot Role	Slot Argument Constraints
AgentProsecutorJudge	per, org, gpe, sid
Defendant	per, org, gpe, sid
Crime	event, GenericCrime
Sentence	**SEN (string extent)** defendant's punishment (particularly incarceration)
Place	loc, gpe, fac

Temporal	
Start and End	(times specific to event)
Duration	days to months
Absolute Time Point	0:00-23:59

✓✓✓✓

- (*) "In April 1993, he was sentenced to 30 years in prison. Al-Jawary was released[…]" (Wikipedia, 1973 New York City bomb plot)

Label	**Acquit**
Description	Clear of a crime
Parents/Domain	Crime, Communication

Slot Role	**Slot constraints**
Agent/Court	Person (judge), organization (judicial, gov)
Recipient/Defendant	Person, organization
Cause/Crime	Event, GenericCrime

Temporal	Start/End= point, Duration = point

(*) "The rest of the officers were found not guilty and were acquitted", Wikipedia, 2006 Madrid–Barajas Airport bombing
(*) "20 March 2019, Special NIA court acquitted all four accused", Wikipedia, 2007 Samjhauta Express bombings

Acquit – is in ERE for Deft, but not in AIDA AO, but in A Program Ontology as a SocialEvent-JudicialFinding of Truth ✓✓✓✓

Label	Indict/Charge
Description	Formally accuse a person or organization
Parents/Domain	Communication, Crime

Slot Role	Slot constraints
Agent	Person (judge), Organization (Law enforcement, government)
Recipient	Person, Organization
Cause (optional) Crime	Event, GenericCrime

Temporal	Start/End= point, Duration = point

(*) "Basilan was indicted for violation of Section 2 of Republic Act 8294 (Illegal possession of explosives)" (Wikipedia, 2007 Baghlan sugar factory bombing)
(*) "Both women were charged with illegal possession of dynamite in the townhouse blast" (Wikipedia, Greenwich Village townhouse explosion)

✓✓✓✓

Same as LDC_evt_081 – ChargeIndict

Label	Convict
Description	Formally accuse a person or organization
Parents/Domain	Communication, Crime

Slot Role	Slot constraints
Agent/JudgeCourt	per, org, gpe, sid
Recipient	per, org, gpe, sid
Crime	Event, GenericCrime,

Temporal	Start/End= point, Duration = point

(*) "He was convicted and sentenced to life in prison and an additional 30 years. In 2003" (Wikipedia, Zion Square refrigerator bombing)

✓✓✓✓

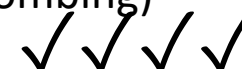**Related to LDC_evt_086 – Convict, However, sentencing and convicting are two different things.**

Label	Identify
Description	e.g., identify targets, identify suspects
Parents/Domain	Communication, Cognitive

Slot Role	Slot constraints
Agent	PER, ORG
Object	PER, ORG, COM, event
Goal (as X)	PER, ORG, COM, Event

Temporal	Start/End= point, Duration = point

(*) "Sabban identified the Abu Sayyaf Group, which is based in Jolo, as the most likely perpetrators of the attack in Jolo," (Wikipedia, 2009 Mindanao bombings)
(*) "Martin Harte and Brian Mullin—were identified by British intelligence as the perpetrators of the bombing." (Wikipedia, Ballygawley bus bombing)

✓✓✓✓

Different from AO SensoryObserve or believe