Selecting an OWSG Standard Survey Tool Error Model

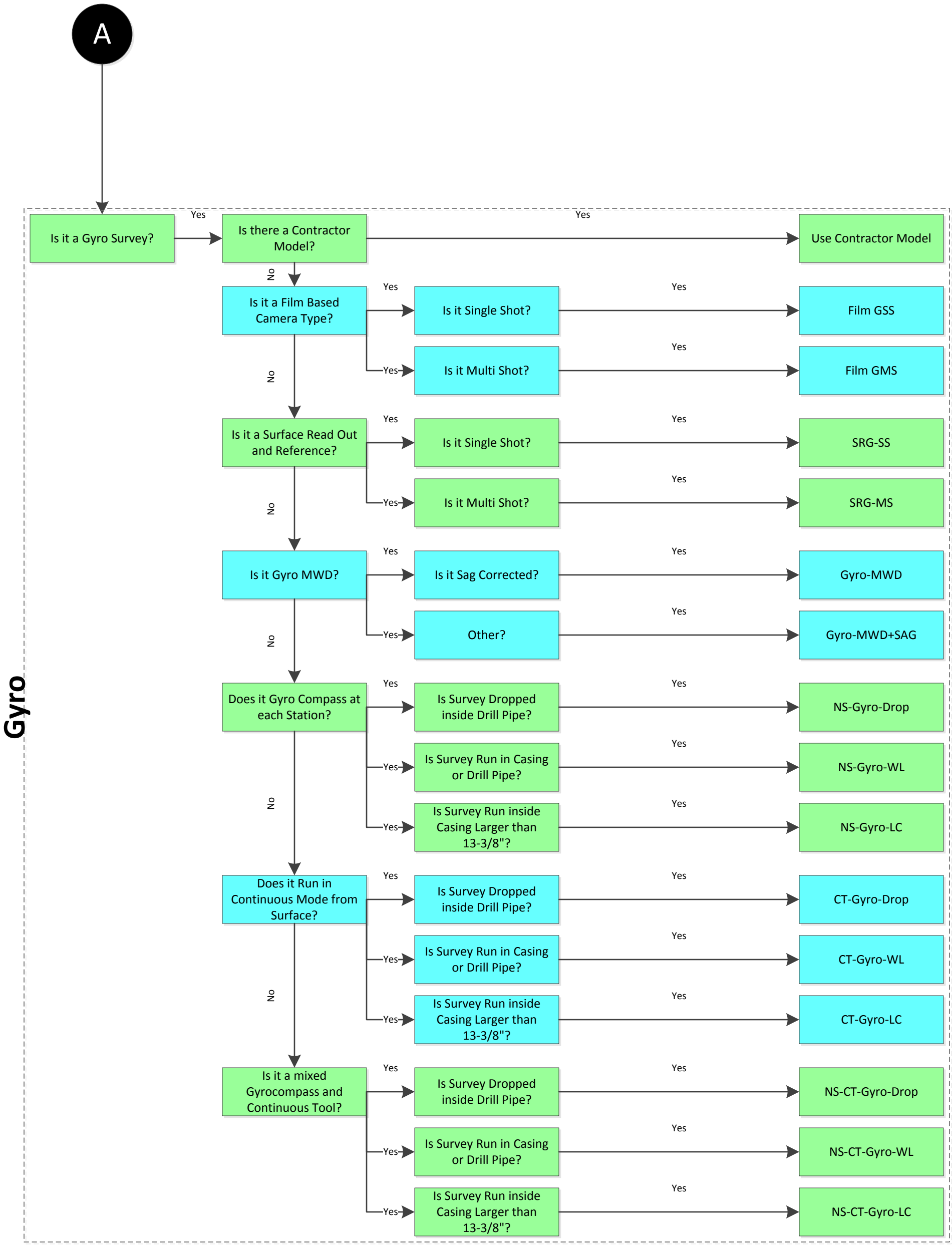
General

- Is there Survey Data? — No → BLIND
- Is there Survey Data? — Yes → Is it Inclination Only?
- Is it Inclination Only? — Yes → INCLINATION-ONLY
- Is it Inclination Only? — No → Is the Survey Type Defined?
- Is the Survey Type Defined? — No → UNKNOWN
- Is the Survey Type Defined? — Yes → Inertial

Inertial

- Is it an Inertial Survey? — Yes → Is it Ferranti FINDS?
- Is it Ferranti FINDS? — Yes → FINDS
- Is it Ferranti FINDS? — No → Is it RIGS?
- Is it RIGS? — Yes → BHI RIGS
- Is it RIGS? — No → Other?
- Other? — Yes → UNKNOWN
- Is it an Inertial Survey? — No → MWD

MWD

- Is it a Magnetic Survey? — Yes → Is it a Film Based Camera Type?
- Is it a Film Based Camera Type? — Yes → Is it a Single Shot?
- Is it a Single Shot? — Yes → Film MSS
- Is it a Single Shot? — No → Is it a Multi Shot?
- Is it a Multi Shot? — Yes → Film MMS
- Is it a Film Based Camera Type? — No → Is it EMS?
- Is it EMS? — Yes → Check Corrections
- Check Corrections — No Additional Corrections → Basic EMS, no Additional Corrections → EMS
- Check Corrections — Yes → Basic EMS with Sag Correction → EMS+SAG
- Check Corrections — Yes → Axial Correction → EMS+AX
- Check Corrections — Yes → Axial Correction and Sag → EMS+AX+SAG
- Is it EMS? — No → Is it MWD?
- Is it MWD? — Yes → Using BGGM (Default) Only?
- Using BGGM (Default) Only? — No Additional Corrections → Basic Survey, no Additional Corrections → MWD
- Using BGGM (Default) Only? — Yes → Basic MWD with Sag Correction → MWD+SAG
- Using BGGM (Default) Only? — Yes → Axial Correction → MWD+AX
- Using BGGM (Default) Only? — Yes → Axial Correction and Sag → MWD+AX+SAG
- Is it MWD? — Yes → Using Infield Referencing (IFR or Crustal Anomaly Correction) and Sag?
- Using Infield Referencing (IFR or Crustal Anomaly Correction) and Sag? — No Additional Corrections → MWD+IFR1+SAG
- Using Infield Referencing (IFR or Crustal Anomaly Correction) and Sag? — Yes → Axial Correction → MWD+IFR1+AX+SAG
- Using Infield Referencing (IFR or Crustal Anomaly Correction) and Sag? — Yes → Multi Station Correction → MWD+IFR1+SAG+MS
- Using Infield Referencing (IFR or Crustal Anomaly Correction) and Sag? — Yes → Axial and Multi Station Correction → MWD+IFR1+AX+SAG+MS
- Is it MWD? — Yes → Using Infield Referencing with Time varying Correction and Sag?
- Using Infield Referencing with Time varying Correction and Sag? — No Additional Corrections → MWD+IFR2+SAG
- Using Infield Referencing with Time varying Correction and Sag? — Yes → Axial Correction → MWD+IFR2+AX+SAG
- Using Infield Referencing with Time varying Correction and Sag? — Yes → Multi Station Correction → MWD+IFR2+SAG+MS
- Using Infield Referencing with Time varying Correction and Sag? — Yes → Axial and Multi Station Correction → MWD+IFR2+AX+SAG+MS
- Is it a Magnetic Survey? — No → A

Selecting an OWSG Standard Survey Tool Error Model, cont.