

APPENDIX I

Data Acquisition Equipment Summary Table

Data Acquisition and Processing Software Summary Table

Summary Table of Data Acquisition Equipment

Equipment Description	Serial Number	Dates Used
RUDE		
Reson SeaBat 8125 SWMB	31562	all
Odom Echotrac Mk II VBES	9643	all
KLEIN 5000 Towfish	278	all
KLEIN TPU Series 5105	138	all
POS/MV 320	219	all
Inertial Measurement Unit (IMU)	047	all
Trimble DSM-212L DGPS Receiver	0220227632	all
Magnavox MX-50 Beacon Receiver	079	all
Seabird Seacat SBE-19 CTD	287	all
	1991	all
Odom Digibar Pro SV Sensor	98013	all
Yokogawa CMZ700S Gyrocompass	0202	all
Launch 1419		
Odom Echotrac Mk II VBES	9641	all
KLEIN 3000 Towfish	408	all
KLEIN TPU Series 3100	408	all
Starlink DNAV-212 DGPS Receiver	850	all
TSS Dynamic Motion Sensor DMS05	0022068	all
Meridian Surveyor Gyrocompass	2279	all

Summary Table of Data Acquisition and Processing Software

Software Description	Version	Dates Used
Coastal Oceanographics Hypack Max	005b	all
Triton Elics International ISIS	5.84	all
XTF Field Swap	1.0	all
Trimble TSIP Talker	2.00	all
StarInit	3.9	all
HSTP HP Tools	11.5.1	all
HSTP Velociwin	7.01	all
CARIS HIPS and SIPS	5.2	Through DN168
	5.2 SP1	After DN168
	5.2 SP1 fix	After DN170
	5.2 SP2	After DN201
	5.2 SP2 fix	After DN214
HSTP Pydro	2.7.0	Through DN201
	2.7.1	After DN201
	2.8.2	After DN248
	2.8.3	DN255
	2.8.4	After DN255
	2.8.5	After DN259
	2.9.0	After DN266
	2.9.1	After DN270
Mapinfo Professional	6.5	all
Vertical Mapper	2.5	all

APPENDIX II: Data Acquisition and Processing Flow Diagrams

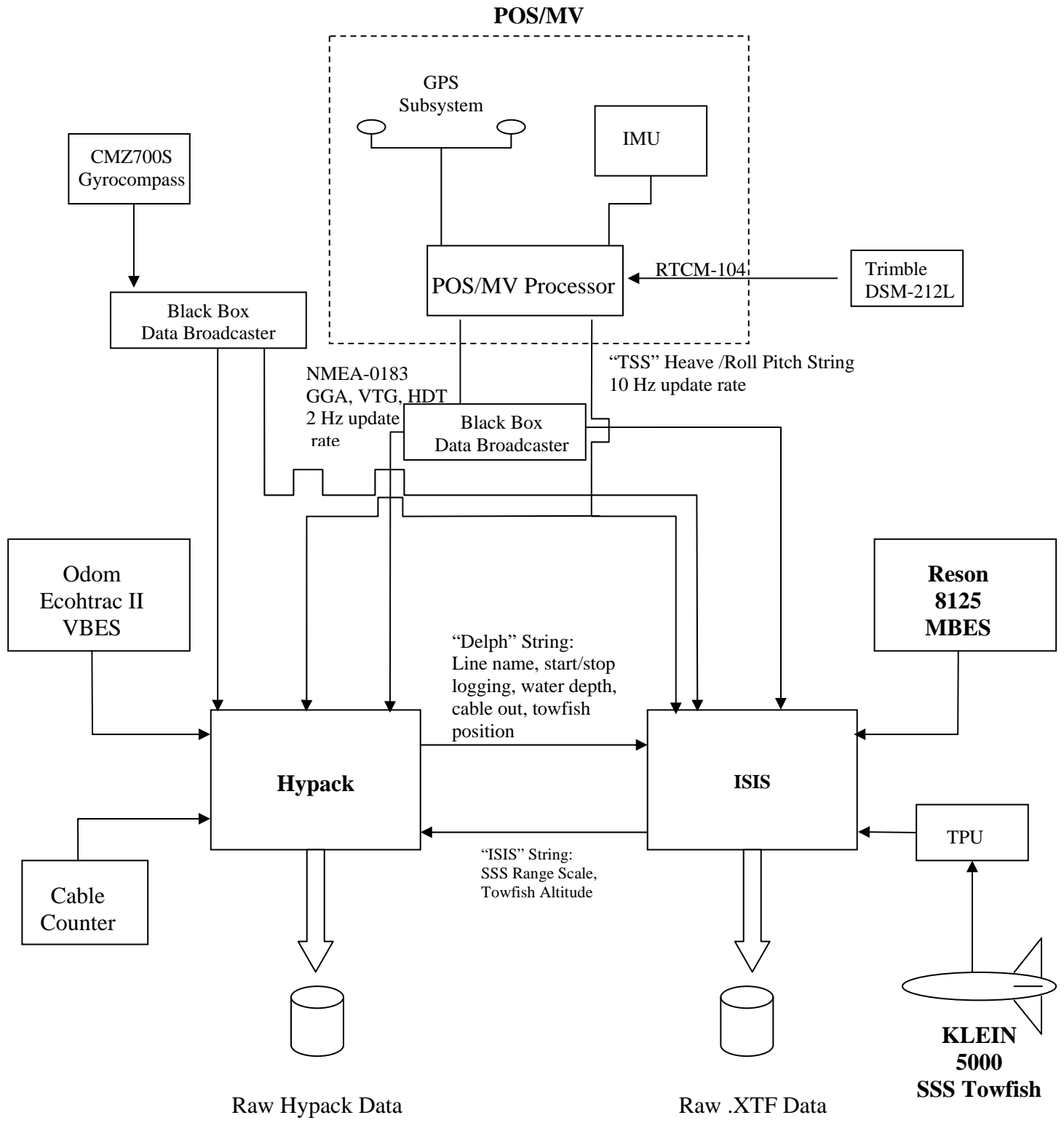
RUDE Data Acquisition Setup

Launch 1419 Data Acquisition Setup

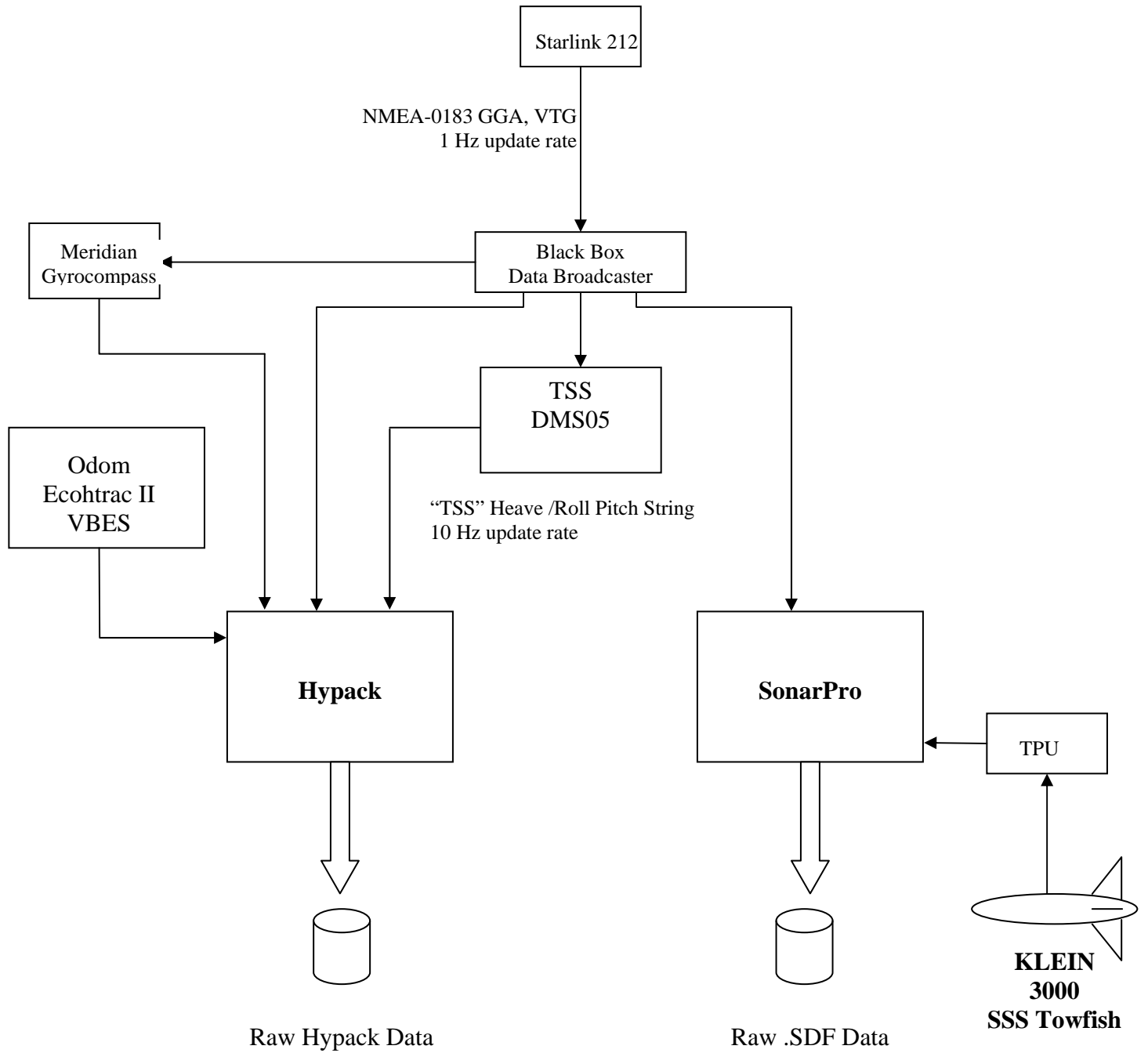
CARIS Data Processing Diagram

Pydro Data Processing Diagram

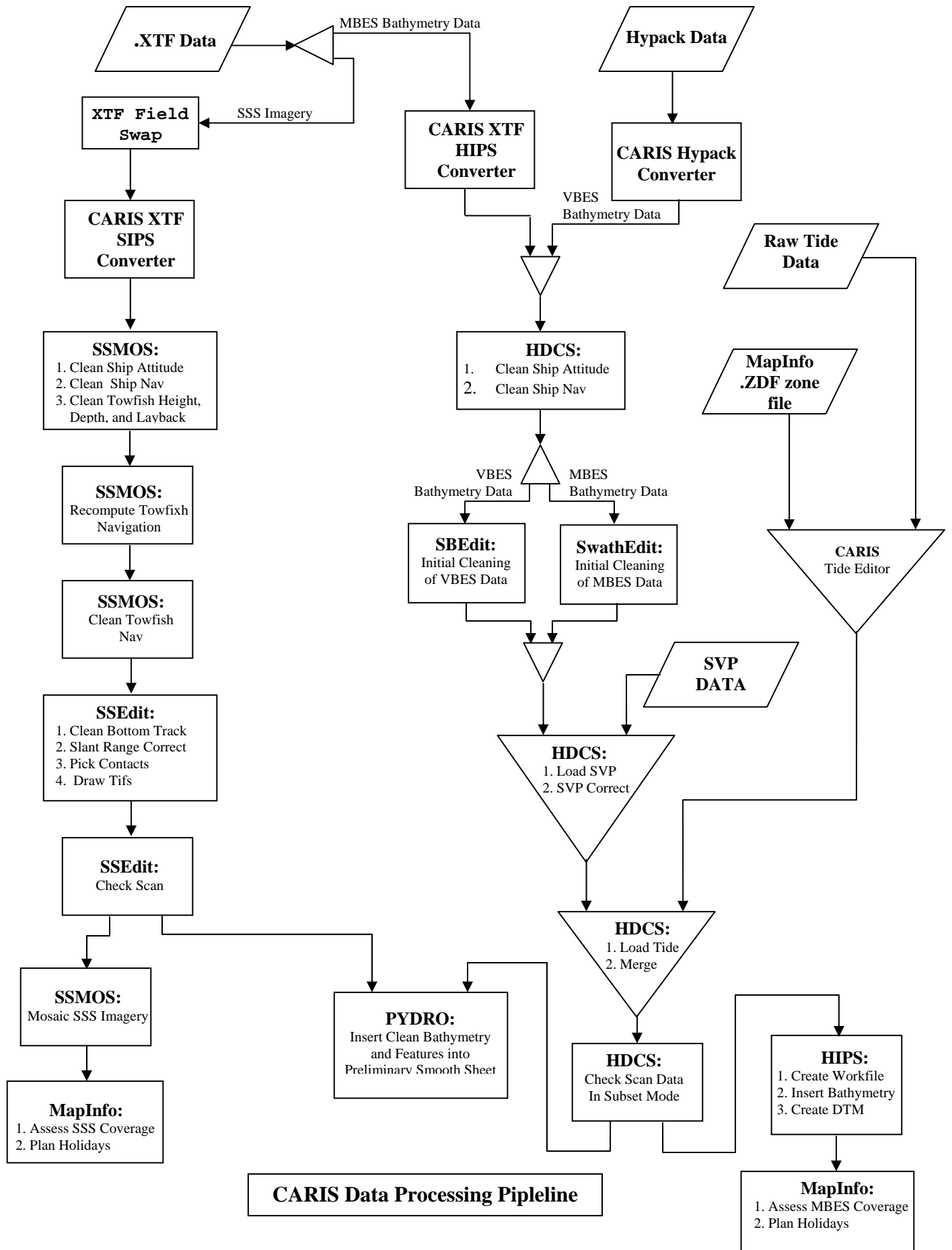
Data Conversion Parameters

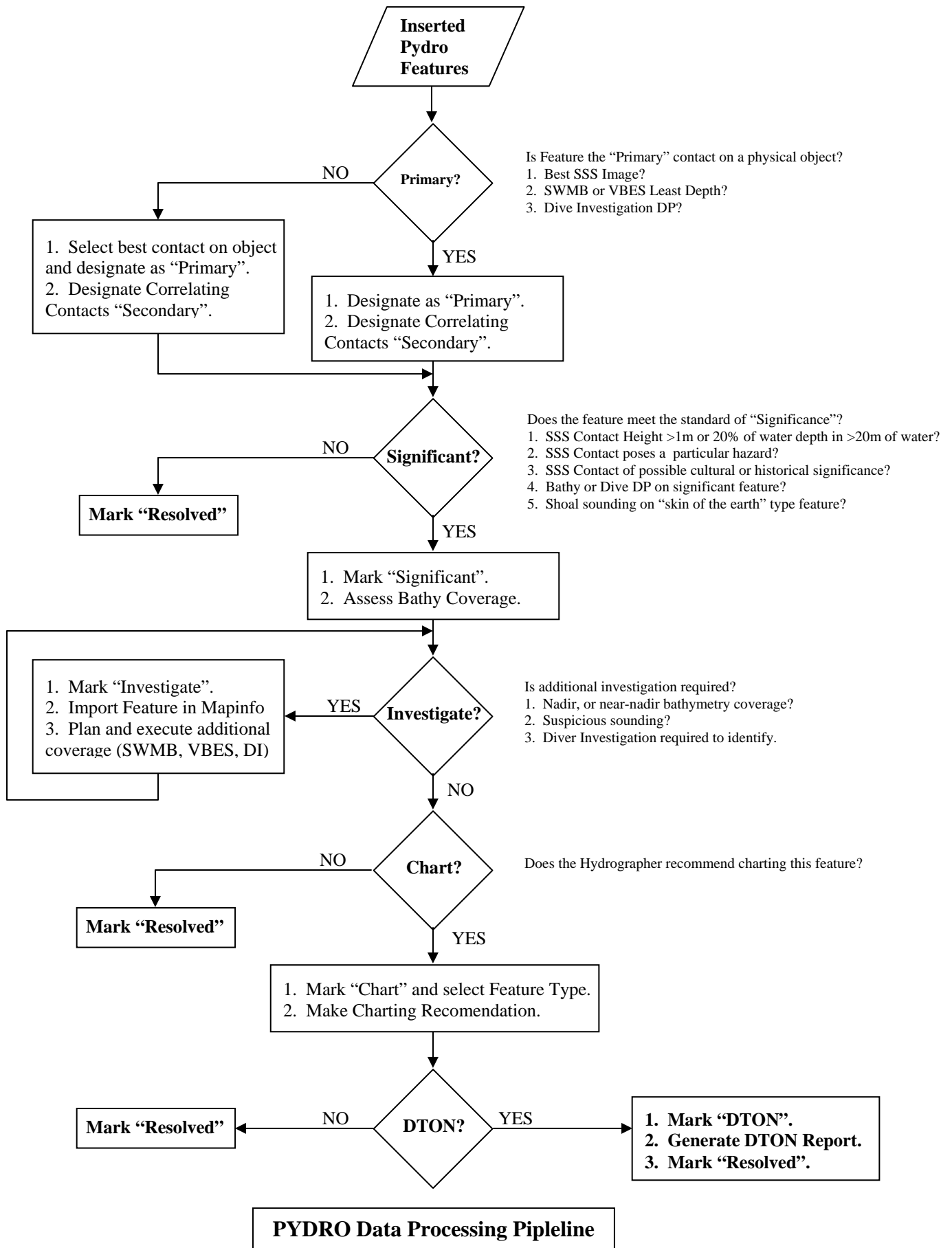


RUDE 2002 Data Acquisition Setup



**Launch 1419
2002 Data Acquisition Setup**





APPENDIX III

RUDE Offset Diagram

RUDE CARIS Vessel Configuration File Reports

Launch 1419 Offset Diagram

Launch 1419 Vessel Configuration File Reports

APPENDIX IV

RUDE Settlement and Squat Report

Launch 1419 Settlement and Squat Report

RUDE Reference Surface Report

Lead Line / Divers Least Depth Gauge Comparison Report

CTD Calibration Reports

Divers Least Depth Gauge Calibration Report