	Description	ADRENA FIRST	ADRENA STANDARD	ADRENA PRO	OPTIMA PRO
Navigation	Multi-monitor software	✓	✓	✓	✓
	Touch screen mode	✓	✓	✓	✓
	Backup/recovery of settings, files and cartography	✓	✓	✓	✓
	Calibration of instruments (log, compass and windvane)	✓	✓	✓	✓
	Waypoints & routes management	✓	✓	✓	✓
	Global tide module	✓	✓	✓	✓
	Charts compatibility: electronic vector charts (CMap MAX) and raster charts (SnMap, BSB)	✓	✓	✓	✓
	GRIB weather files viewer	✓	✓	✓	✓
	GRIB files download online and by email up to 16 days	✓	✓	✓	✓
	NOAA, Great Circle, Predictwind, Navimail, Saildoc and Tidetech direct interface	✓	✓	✓	✓
	Tide charts compatibility: SHOM, Proudman (+ high resolution), Winning Tides (Solent)	✓	✓	✓	✓
	Logbook (position, wind, speed and observations)	✓	✓	✓	✓
	Meteograms	✓	✓	✓	✓
	Overlay of georeferenced images	✓	✓	✓	✓
	Export of data to Google Earth	✓	✓	✓	✓
	AIS anti-collision system	✓	✓	✓	✓
	MOB: alarm + man over board tracking with drift calculation	✓	✓	✓	✓
	Alarms setup: MOB, AIS, Sart AIS, coast detection and anchor alarm	✓	✓	✓	✓
	Custom alarms: depth, wind force and direction, wp, etc.		✓	✓	
	Roadbook with possibility to add visual annotations on the chart		✓	✓	
	AIS tracking		✓	✓	
	Datagrams: data evolution along the route (currents, sailect,…)		✓	✓	
	Integration of external current atlas			✓	
	Loading of historical GRIBS and ensemble forecasts			✓	
	NOAA GRIB automatic loading			✓	
Regatta	Competitors monitoring	✓	✓	✓	
	Calculation of recovered time IRC/HN	✓	✓	✓	
	Management of the start, windward/leeward and coastal route	✓	✓	✓	
	Laylines calculation and display	✓	✓	✓	
	Integration of the current in laylines and time to the marks	✓	✓	✓	
	Possibility to send calculated data to iPhone or iPad		✓	✓	
	Safe Starting Area		✓	✓	
	Possibility to add more info about the track of a competitor with AIS transmission		✓	✓	
	Inertia and manœuvres taken into account on the sarting area			✓	
	Data averaging			✓	
	Management of a leeward gate			✓	
	Use of specific polars: start, navigation, performance			✓	
	Polars adjustment in real time			✓	
	10 Hz instruments interface			✓	
Routing	Calculation of optimum route while automatically avoiding coastlines	✓	✓	✓	
	Routing in 2 clicks	✓	✓	✓	
	Dual Routing: sailing and motoring	✓	✓	✓	
	Integration of the current in routing calculations	✓	✓	✓	
	Routing calculation on a coastal route	✓	✓	✓	
	Compulsory waypoint (pivot on isochrone)	✓	✓	✓	
	Routing of competitors	✓	✓	✓	
	Routing(s) summary table	✓	✓	✓	
	Possibility to set up wind speed and angle limits in routing	✓	✓	✓	
	Display of wind conditions encountered along the route	✓	✓	✓	
	Display of wind, current, tide and waves conditions encountered along the route		✓	✓	
	Possibility to set up waves height limit in routing		✓	✓	
	Simulation of several routings		✓	✓	
	Use of several GRIB files to calculate routing		✓	✓	
	Routing hypothesis: scanning of variables		✓	✓	
	Risk/delay assessment: inverse isochrones and isoroutes		✓	✓	
	Statistics on routing: wind, sails			✓	
	Video creation on routings			✓	
	Micro-routing on laylines: "best side of the navigation square"			✓	
	Multiple routings on historical GRIBS, ensemble forecasting			✓	
	Loss due to sail change taken into account in routing calculation			✓	
	Display of wind variability			✓	
Performance Analysis	Real polars caluclation from navigation data	✓	✓	✓	✓
	VPP polar diagrams creation	✓	✓	✓	✓
	Creation and modification of Sailect (optimum ranges of True Wind Speed and Angle for individual sails)	✓	✓	✓	✓
	Performance analysis (VMG, target boat speed...)	✓	✓	✓	✓
	Possibility to load tracks and correct them	✓	✓	✓	✓
	Graph of data history: histogram		✓	✓	✓
	Replay of recorded tracks		✓	✓	✓
	Multiple replay (several boats at the same time)			✓	✓
	Tracks analysis: statistics, speed tests...			✓	✓
	Polars calculation by configuration (sails, keel, ballast)			✓	✓
	Polars comparison			✓	✓
	Graphic and digital modification of polars			✓	✓
	Table of the best configurations			✓	✓
	TrimBook: settings record			✓	✓
	Integration of external data in the track			✓	✓
	Data exchange with external software (Sailect, segment)			✓	✓
	Loss analysis when tacking, gybing and during a manœuvre			✓	✓
	Graphic display of weather history along the track			✓	✓
	Trim Control by Mer Agitée (electronic telltales): sail trimming display, storage and navigation/post-nav analysis			✓	✓