













"From the wisdom of t		Course Title	ECTS	Class Hours	Location
FIG to the challenges of m	1	ICT	3	24	UGent
Theoretical Classes	2	Navigation	6	48	HZS
	3	Safety	3	24	HZS
	4	Seamanship	3	24	HZS
	5	Tides and Currents	3	24	HZS
	6	Hydrographic Surveying	6	48	UGent
	7	Geodesy and Cartography	3	24	UGent
	8	Data Management	3	24	UGent
	9	Geology and Geophysics	3	24	UGent
	10	Legal Aspects	3	24	UGent
FIG CHAMBER OF GRADUATED SURVEYORS		TOTAL THEORETICAL CLASSES	36	288	

"IG "From the to the ch	e wisde nalleng	om of the ages ges of modern world"	FIG 17-2	WORKING 1 MAY SOFIA B	WEEK
Curriculum The	24h	7 (1/2) Navigation	48h	Seamanship	24h
Basics	12	Charts	6	Ship Construction	8
Computer hardware Software development procedures Internet and intranet communications	2 5 5	Chart datums Nautical charts + ECDIS Aids to navigation: buoys, beacons, publications, notices to mariners	1 3 2	Stability	8
Software analysis	12	COLREG	12	kopes and wires	•
Architecture operating systems and functions	6	Rules of the Road Case studies	9 3		
Tides and Currents	24h	Compasses Radar and ARPA Sextant Errors	8 3 1 1	Safety GMDSS	24h
Theoretic and dynamic tidal principles	4	Manoeuvring Manoeuvres Anchoring Towing	5 3 3 3	VHF, SSB, wireless telephone, satellite communications Navigational warnings FPIRB	4 2 1
Tidal measurements	4	Navigation	5	VTS	i
Non-tidal variations	6	Coordinate systems Positioning (fixes by peloris and sextant) Pilotage	3 1 1	Safety Fire extinguishing tools and systems	3
Tidal streams and currents	4	Meteorology and Oceanography	12	Survival suits Small boats, lifeboats and life rafts	4 3
Admiralty tide tables and their use	6	Br Meteorology Oceanography	6 H	Fire and boat drills Safety procedures (ISM)	2 4
				Trimb	le. 🎯 esr



FIG FIG "From the wisdom of the ages to the challenges of modern world"		FIG WORKING WEEK 17–21 MAY SOFIA BULGARIA 2		
Integrated Fieldwork: 3 weeks		 Integrated 3 weeks of intensive training and excursions 		
(Integrated) Fieldwork	696 h	 Hydrographic survey Dredging simulation Visit to Flanders Hydraulics 		
Practical Exercises	120	 Fieldwork GIS training Software training 		
Theoretical Fundamentals practised Routing Data Telemetry links Workshops Seminars & Conferences Visits to manufacturers of hydrographic material/ instruments Practical exercises and projects		 Basic safety Takes place in May, after theoretical classes Training initiated by professors IVH Assessment by professors IVH Assignments also include preparation and simulation fieldwork project as described in the S-5 		
		Platinum Sponsors:		













FIG	"From to t	m the wisdom of the ages he challenges of modern world"	FIG WORKING WEEK	
Cont	ents of Tr	aining Record Book		
•	Introduction			
•	Section 1	Guide to Completion		
•	Section 2	Summary Record of Progres Particulars of Tr Training Program	ainee nme	
•	Section 3	Review of Training Progress By supervisor By chief supervi	sor	
•	Section 4	Task Summary Chart Record of Fieldwork Periods	s (Diary)	
•	Section 5	List of Training Tasks and C Survey skill level: Technical	ompetences Achieved knowledge	
•	Section 6	Projects		
•	Section 7	Events List		
•	Section 8	List of Publications		
FIG	CHAMBER GRADUAT SURVEYO	R OF IED RS	Platinum Sponsors: Errimble . @esri	























