

**Matrix**

This form has been made up according to STCW '95/2010 and MLC requirements as well as specific requirements valid within JDN Group. Different interpretations from flag-states may occur.

This overview contains the crew nomenclature according to JDN-standards on one hand and according to STCW-standards on the other hand. please refer to PD-0049 for the correct use of crew nomenclature on crew lists.

A crew-member should be trained up to this training program before his promotion to this function. A new crew-member should have received all the trainings required for his function before recruitment. Only original documentary evidence will be accepted.

When there are crew-members on board not complying with this matrix, the master has to notify the crew-department to set up an acceptable rectification plan.

All recruited seafarers should have reached the age of 18.

**X = required**

**O = recommended**

		Maximum validity (validity date on certificate prevails when lower)	JDN Nomenclature	Chief Engineer Backhoe	1st & 2nd backhoe electrician	1st, 2nd and 3rd backhoe engineer	1st, 2nd and 3rd Backhoe operator	Deckhand / Deck supervisor	Notes:	
			STCW Nomenclature	Chief Engineer	Rating					
			STCW Nr.	III/5	N.A.					
Main certificates	Certificate of competency		5 year/ unlimited	X						
	Flag state endorsement		5 year	X						
	Seaman's book		unlimited/ 10 year	X	X	X	X	X		
	Medical fitness certificate		2 year	X	X	X	X	X		
Partial certificates	Basic safety training	A-VI/1	5 year	X	X	X	X	X		
	Proficiency in survival craft	A-VI/2-1	5 year	X						
	Fast rescue boats	A-VI/2-2	5 year							
	Advanced fire-fighting	A-VI/3	5 year	X		O				
	Medical First aid	A-VI/4-1	unlimited	X						
	Medical care	A-VI/4-2	5 year							
	Radar		unlimited							
	ARPA		unlimited							
	ECDIS		unlimited							
	ECDIS type specific familiarisation		unlimited							
	GMDSS (general or restricted)	A-IV/2	unlimited/ 5 year			O				
	security awareness / security duties	A-VI/6.1-6.2	unlimited						All crewmembers who don't have the SSO certificate need to have 'security awareness. Company recommendation is 'security duties' for all crewmembers.	
	Ship security officer	A-VI/5	unlimited							
BRM/ERM/MRM		unlimited								
High Voltage training		unlimited	X	X						
Simulator training	FMS Junior conventional		unlimited							
	FMS Intermediate conventional		unlimited							
	FMS Senior conventional		unlimited							
	FMS Schottel Intermediate / Junior		unlimited							
	FMS Schottel Senior		unlimited							
	FMS Schottel cutter barge		unlimited							
	FMS Cutter dredger		unlimited							
	FMS Backhoe dredger		unlimited							
	Introduction dredge simulator		unlimited							
	Junior hopper dredge simulator		unlimited							
	Intermediate hopper dredge simulator		unlimited							
	Senior hopper dredge simulator		unlimited							
	Junior cutter dredge simulator		unlimited							
	Intermediate cutter dredge simulator		unlimited							
	Senior cutter simulator		unlimited							
	Excavator/back-hoe simulator		unlimited			O	O			
	Engine simulator course junior		unlimited		O					
	Engine simulator course intermediate		unlimited							
	Basic Pump Room Simulator Course		unlimited							
	Advanced Pump Room Simulator Course		unlimited							

Specific	Ship management	unlimited							
	Ship-specific familiarisation	every ship	X	X	X	X	X		
	Training record book	N/A							
	DP induction course	N/A							
	DP simulator course	N/A							
	DP operator certificate	5 years							
	DP Maintenance course	unlimited							
Offshore	BOSIET	4 years							
	HUET	4 years					O		
	heli landing officer (HLO certificate /HDA certificate)	2 years							
	Offshore crane operator								
Additional certificates JDN requirements	Ship's cook	unlimited							
	Safety Management Course	unlimited	X			O			
	basic food handling	unlimited			see notes				
	Radioactive sources	unlimited							
	VCA	10 years			see notes				VCA courses are mandatory only for personnel under Jan De Nul NV contract. The course is only available in Dutch. VCA Management is mandatory for Captain and Chief officer (A-II/2) and Chief Engineer and Second engineer (A-III/2 & A-III/3). VCA is mandatory for Master up to 500 GT (A-II/3), OOW deck (A-II/1), OOW engine (A-III/1), ETO (A-III/6), Rating forming part navigational watch (A-II/4), Rating forming part engine watch (A-III/4), Electrotechnical rating (A-III/7) and ordinary ratings.
	VCA management	10 years			see notes				
	AMOS W	unlimited	X	O	O	O			
	Board crane	unlimited			see notes				Applicable for all vessels where a deck crane is installed. At least two crewmembers (1 per shift) on board to have the certificate
	scaffolding	unlimited							
	Ballast water management (elearning)	unlimited	O						