

CHAPTER 3 - PUBLIC FUNDED MESSING

SOURCES OF INCOME

0301. Public messing income is derived from the following main sources:

- a. Daily Messing Rate (DMR).
- b. Casual/Duty Meals (see Chapter 5).
- c. Supplements (see Chapter 6).
- d. CILOR (see Chapter 7).
- e. Hospital Messing (see Chapter 8).

RATION SCALES

0302. The Institute of Naval Medicine (INM) was tasked by the Authority to undertake an independent review of the Ration Scales¹, DMRs and monetary Supplements administered to sustain an individual for a 24 hour period in-training, in-unit, on Exercise or Operations on land, at sea and under specific arduous circumstances. The study identified three Scales within which Service Personnel (SP) can be categorised based on the task and energy expenditure (kcal). The higher the intensity the higher the kcal requirement, the three scales are shown at Annex A.

0303. **Ration Scale.** The ration scales are designed not only to meet the energy (kcal) expenditure requirement but also provide the range of produce needed to provide a measured and nutritionally balanced diet. The weights in the scales have been adjusted to compensate for wastage during the food preparation process and shrinkage during the cooking process.

0304. **Ration Scale Categories.** The ration scale is broken down in to 9 different categories designed to provide a flexible, varied and balanced diet² as follows:

- a. **Proteins.**
- b. **Carbohydrates.**
- c. **Milk and Dairy.**
- d. **Fruit and Vegetables.**
- e. **Sugars.**
- f. **Salts.**
- g. **Beverages.**
- h. **Condiments.**
- i. **Basic Kitchen Staples.**

0305. **Ration Scale Drivers.** There are 87 individual items that make up the ration scale drivers. Although, not exhaustive or unevenly restrictive, the list of drivers represents a range of food

¹ INM Report No 2013.012 dated April 2013.

² Cross reference to JSP 456 Pt.2 Vol 1 Ch 4.

commodities that enable the provision of a balanced diet over a period of 30 days³. To ensure variety of diet each driver is assigned a Basis of Provision (BOP) factor.

0306. **Basis of Provision (BOP).** The BOP is the frequency with which a particular food category item is used throughout a 30 day period.

0307. **Daily Messing Rate (DMR).** The DMR is the monetary value required to support the ration scales and is calculated using the MOD Food Supply Contractor's prices.

0308. The following DMRs are set at **3000 kcal**:

a. **Basic DMR.** A base DMR calculated by Defence Logistics using the MOD Food Supply Contractor's monthly prices. The following supplements may be claimed in conjunction with this DMR:

- (1) Catering Differentials – see 0602.
- (2) High Attendance Supplement – see 0605.
- (3) Drinks Supplement – see 0608.
- (4) Night Duty Meal Supplement – see 0609.
- (5) Divers' Meal Supplement – see 0610.
- (6) Packed Meals (living-out personnel only) – see 0611.
- (7) Police And Criminal Evidence Act (PACE) – see 0612.
- (8) Survival Training Allowance – see 0614.
- (9) Splice the Main Brace – see 0618.
- (10) Festive Day Supplement – see 0619.
- (11) Issues to Medical Centres – see Chapter 8.
- (12) 10 Man ORP Supplement – see Chapter 12.

b. **UK Schools DMR.** A consolidated DMR using the MOD Food Supply Contractor's prices and calculated by Defence Logistics using the following supplements:

- (1) High Attendance Supplement at 12%.
- (2) Night Duty Meal Supplement at 17%.
- (3) Juniors Milk Supplement.

No other supplements may be claimed in conjunction with this DMR.

c. **SHAPE DMR.** A DMR calculated by Defence Logistics using local food prices. The following supplements may be claimed in conjunction with this DMR:

- (1) Catering Differentials – see 0602.

³ Evidence for energy and nutritional requirements was collated from SGAFFP and SGBHP, portion sizes were analysed using nutritional analysis package (Dietplan 6, Forestfield Software, Horsham, UK).

- (2) High Attendance Supplement – see 0605.
- (3) Drinks Supplement – see 0608.
- (4) Night Duty Meal Supplement – see 0609.
- (5) Splice the Main Brace – see 0618.
- (6) Festive Day Supplement – see 0619.
- (7) 10 Man ORP Supplement – see Chapter 12.

d. **SHAPE Schools DMR.** A consolidated DMR using local food prices and calculated by Defence Logistics using the following supplements:

- (1) 50% of the SHAPE DMR.
- (2) High Attendance Supplement at 12%.
- (3) Juniors Milk Supplement.

No other supplements may be claimed in conjunction with this DMR.

e. **Ships DMR.** A DMR calculated by Defence Logistics using the MOD Food Supply Contractor's monthly prices and claimed by RN Ships, Submarines and RFA vessels. The following supplements may be claimed in conjunction with this DMR:

- (1) Afloat Additions – see 0602.
- (2) High Attendance Supplement – see 0605 (f).
- (3) Night Duty Meal Supplement (b)⁴ – see 0609.
- (4) Splice the Main Brace – see 0618.
- (5) Festive Day Supplement – see 0619.
- (6) Submarine Patrol Supplement – see 0631.
- (7) 10 Man ORP Supplement – see Chapter 12.

f. **Falkland Island and Ascension Island DMR.** A DMR calculated Defence Logistics using the MOD Food Supply Contractor's South Atlantic prices. The following supplements may be claimed in conjunction with this DMR:

- (1) Catering Differentials – see 0602.
- (2) High Attendance Supplement – see 0605.
- (3) Drinks Supplement – see 0608.
- (4) Night Duty Meal Supplement – see 0609.
- (5) Splice the Main Brace – see 0618.

⁴ Not admissible for HM Submarines, which will claim Submarine Patrol Supplement in lieu.

- (6) Festive Day Supplement – see 0619.
- (7) 10 Man ORP Supplement – see Chapter 12.

0309. The following DMRs are set at **4000 kcal**:

- a. **Exercise (Field) DMR.** A bespoke DMR calculated by Defence Logistics using the MOD Food Supply Contractor's prices in the UK or the Authority's locally agreed prices. The E(F)DMR may be claimed by units when conducting Exercises in the field and at NTEP sites. No other supplements may be claimed with this DMR unless approved by ACDS (Log Ops).
- b. **Overseas Exercise (Field) DMR.** A bespoke DMR calculated by Defence Logistics using prices for locally procured food. No other supplements may be claimed with this DMR unless approved by Defence Logistics.
- c. **Operational DMR.** A bespoke DMR calculated by Defence Logistics using the MOD Food Supply Contractor's prices in the UK or the Authority's locally agreed prices. No other supplements may be claimed with this DMR unless approved by Defence Logistics.
- d. **Nijmegen Marches.** The Nijmegen marches comprise of two separate groups and are accounted for as follows:
 - (1) Exercise Support Staff will claim the E(F)DMR for the duration.
 - (2) British Military Competitors, accommodated and rationed (breakfast and dinner) by the hosting nation, who require daily rations at each of the three feeding stations located on each of the routes will claim 35% of the E(F)DMR.
 - (3) No other supplements may be claimed in conjunction with this DMR.

0310. The following DMR is set at **5000 kcal**:

- a. **Norway DMR.** A bespoke DMR calculated by Defence Logistics using the MOD Food Supply Contractor's prices in the UK or the Authority's locally agreed prices. The following supplement may only be claimed in conjunction with this DMR:
 - (1) Catering Differentials – see 0602.

MISCELLANEOUS DMRS

0311. **BATUS DMR.** This is calculated by the Canadian G4 Procurement Officer against the Canadian Food Supply Contract and is funded by the DFV.

- a. **Canadian Force Base (CFA) Suffield:** Daily Food Charge turned on for all living in personnel.
- b. **Crow Foot Camp:** Exercise Training Site, Crown Feeding applies to all personnel
- c. **Trails End Camp:** Adventure Training Site, Crown Feeding applies.

0312. **Gibraltar.** The DMRs are calculated and published annually by Defence Logistics using the local food contractor's prices set against the respective DMR drivers. Due to Gibraltar's unique location the resulting DMRs are administered as follows:

- a. **Basic DMR.** The Gibraltar Basic DMR may only be claimed for entitled personnel (permanent or visiting) who are accommodated in HMS Rooke or Devils Tower Camp. The supplements listed in 0308 (a) are admissible as long as the qualifying criteria is met.
- b. **Visiting Personnel.** Visiting personnel, not paying the DFC at their parent unit or station, are required to pay the appropriate entitled or non-entitled cash casual meal rates (inclusive of Local Government Tax) for all meals taken. All cash receipts are to be paid into the following vote: RAC code: RLB 013 Local Project Code S900574300.
- c. **Exercises.** The Gibraltar E(F)DMR may only be claimed for exercising personnel when using ORP. The only supplement that may be claimed in conjunction with the E(F)DMR is ORP Supplement when using 10 Man ORP. All exercises are to be authorised by HQ BF Gib and administered in accordance with Chapter 12.
- d. **Training.** All SF claims are to be authorised by the SF Gp CWO.
- e. **Recruitment Visits.** All recruitment requests are to be authorised by SO3 J4, HQ BF Gibr and administered in accordance with the guidance given in Chapter 5 para 0509. All cash receipts are to be paid into the following vote: RAC code: RLB 013 Local Project Code S900574300.
- f. **End of an Accounting Period (Monthly).** Refer to Chapter 4.
- g. **Hospitals.** Refer to Chapter 8.

0313. **Nepal DMR.** Both the Basic DMR and E(F)DMR are calculated using the local food contractor's quarterly prices set against the respective DMR drivers. The Supplements listed in para 0308 (a) are admissible as long as the qualifying criteria is met.

- a. **Charges.** Single Living-In and Married Unaccompanied Personnel who are accommodated in barrack accommodation are to pay the prevailing DFC. Visiting personnel, not paying the DFC at their parent unit or station, are required to pay the appropriate entitled or non-entitled cash casual meal rates (inclusive of Local Government Tax) for all meals taken. All cash receipts are to be paid into the following vote: RAC code: RLB 013 Local Project Code S900574300.
- b. **Earthquake Contingency.** Nepal is authorised to hold additional stock based on the following criteria to supplement ORP as their Earthquake Contingency:
 - (1) Kathmandu: 75 x DMR x 14 days.
 - (2) Pokhara: 50 x DMR x 10 days.

0314. **Kenya DMR.** Kenya uses the E(F)DMR based on the 4000 kcal scale which is calculated by Defence Logistics using local food contractor's quarterly prices set against the respective DMR drivers. The E(F)DMR is applied to all locations regardless of status.

- a. **Charges.** Single Living-in and Married Unaccompanied Personnel who are accommodated in barrack accommodation are to pay the prevailing DFC. Visiting personnel not paying the DFC at their parent unit or station are required to pay the appropriate entitled or non-entitled cash casual meal rates (inclusive of Local Government Tax) for all meals taken. All cash receipts are to be paid into the following vote: RAC Code: RLB 013 Local Project Code S900574300.
- b. **Supplements.** The following supplements may only be claimed in conjunction with this DMR:

- (1) Drinks Supplement – see 0608.
- (2) Night Duty Meal Supplement – see 0609.
- (3) Festive Day Supplement – see 0619.

0315. **Contract Catering DMR.** There are some contract catering units which, due to their location may have a special DMR. This applies only to contractor supplied food and not MOD contract food. Such contracts are calculated on the basic DMR (3000 kcal) less the MOD Food Supply Contractors' overheads. This net of overheads figure becomes the base DMR. Each unit operating on this DMR then adds its own overhead to the base figure agreed at contract let. Thus it is possible that every contract catering DMR will be unique.

0316. **Hospital DMR (HDMR).** The HDMR may only be claimed in accordance with the criteria set out in Chapter 8.

0317. **Promulgation of DMRs.** The DMRs are published quarterly, and on an as required basis by Defence Logistics and disseminated to the FLCs for further distribution to units.

ENTITLED PERSONNEL

0318. The DMR may be claimed for the following personnel when they are authorised to be shown on the Record of Fed Strength:

- a. Officers, Ratings and Other Ranks of the Royal Navy, Royal Marines and Royal Fleet Auxiliary.
- b. Officers and Other Ranks of the Army, including the Reserve Army.
- c. Officers and Other Ranks of the Royal Air Force.
- d. Officers, Ratings and Other Ranks of Service Nursing Corps.
- e. Members of Reserve Forces.
- f. Members of Service Cadet Forces.
- g. Students in Service schools.
- h. MOD Civil Servants.
- i. International Service personnel.
- j. Prisoners of War. Numbers and expenditure are to be forwarded to Defence Logistics via the chain of command. Instructions for dealing with prisoners of war are in JSP 391.
- k. Displaced Persons. Numbers and expenditure are to be forwarded to Defence Logistics via the Chain of Command. Instructions for dealing with displaced persons are in the Army Field Manual, Vol 1, Pt 6, Ch 7 and JSP 391.
- l. The NAAFI Canteen Service (NCS) when serving on board HM Ships.
- m. The Worldwide Laundry Service (WWLS) when serving on board HM Ships.

RECORD OF FED STRENGTH

0319. **Daily Record of Fed Strength.** This is provided to the Catering Office daily as directed by Single Service regulations. Within JPA Units HR Administrative staff are to provide the catering office daily with the number of authorised personnel to be fed. This information is to be certified and recorded daily by the administrative staff, weekly by a checking officer and monthly by the Commanding Officer, or other delegated Officer. The personnel numbers in the Record of Fed Strength form the basis for the calculation of the daily messing income. Chapter 18 refers to completion of Form S71 for HM Ships.

0320. As with all systems, the accuracy of the information supplied depends on the accuracy of the data submitted into JPA. If units have not carried out arrivals transactions, or stopped/started food charges correctly or in a timely fashion, then the lists obtained will not be up to date.

0321. **Under and Over Claims.** If, after daily compilation of the Record of Fed Strength, an error in the number of personnel being claimed occurs, the error is to be corrected by the unit administrative staff in red and a brief explanation of the occurrence is to be included.

0322. **Adjustments.** The adjustment, whether plus or minus, is to be shown in red on the Record of Fed Strength and the following conditions apply:

- a. When entering the daily total onto manual or computer accounts, this adjustment should be added or deducted before the unit/sub-unit total is entered into the account by the caterer.
- b. Where a unit has over claimed over a long period, adjustments on the catering account are to be made only for the 30 days immediately prior to the date of notification of each error.
- c. Where a unit has under claimed adjustments are to be made for the whole period of the under claim. Any adjustment arising from audit observation is to be cross-referred.

0323. **Arrivals and Departures.** The regulations regarding the arrival and departure from the fed strength record are as follows:

- a. Authorised personnel are to be brought onto the fed strength on the day of arrival in the unit, and removed on the day of departure (ie DMR is to be claimed for the day of arrival but not the day of departure). Relevant Casual Meal Claims are to be applied to any meals taken on the day of departure not included in DMR claims.
- b. Units are to ensure that double DMR claims do not take place, i.e. the same person is not to be claimed for in two different units on the same day. If personnel take meals in units where the DMR is not applicable under these rules, the feeding/hosting unit may claim the appropriate percentage of the DMR for the meals taken. The parent unit is to be notified by the feeding unit of meals taken, and is to debit their own catering account for the meals taken in the feeding unit.
- c. **NTEP Sites.** The hosting NTEP unit is to claim the initial number booked by the unit for the first meal only. Subsequent days, including the day of departure are to be claimed at the actual fed strength determined by the bed state. The visiting unit is to provide an AFF 7764 for the full period that they are accommodated regardless of their departure time on the day of departure.

DAILY INCOME

0324. **Daily Income.** The daily numbers on the Record of Fed Strength, plus (+) or minus (-) any additions, are multiplied by the DMR. This gives the basic daily income. The basic daily income is added to the value of all supplements and casual meals claimed to give the total daily income.

Instructions for the application and accounting for non-public income such as EMI/EMC are contained within single-Service instructions and at Chapter 9 of these regulations.

0325. **Head Count Authority.** In certain circumstances application may be made to Defence Logistics for Head Count Authority, these applications will only be approved in the most exceptional circumstances (Permanent authority is granted for port Detachment at Emden, Germany and the feeding stations / Convoy feeding kitchens en route to Southern Germany and out of area Exercises).

MEAL ALLOWANCE CLAIMS (Refer to JSP 752 Tri-Service Regulations for Allowances)

0326. When the following meal allowances are being paid, the Catering Office/Ration Roll Holder is to ensure that, where applicable, the appropriate rate of DMR is abated.

- a. Meals Out Expenses (MOE). Refer to JSP 752 Chapter 5.
- b. Reclaim of the Daily Food Charge. Refer to JSP 752 Chapter 5.
- c. Cash in Lieu of Rations (CILOR). Personnel are to be removed from the Fed Strength when CILOR is claimed for individuals, or groups. Refer to Chapter 7.

0327 – 0399. Reserved.

CHAPTER 3 Annex A – RATION SCALES

Ration Scale							
DMR Driver Category ⁵	Core Range Item	3 000 kcal	4 000 kcal	5 000 kcal	BOP ⁶	Notes	
Proteins⁷	Beef Rump	120g	160g	160g	5.5	8	
	Beef Mince Free Flow	120g	160g	160g	8		
	Lamb Leg, Boneless	120g	160g	160g	4		
	Pork Leg, Boneless	120g	160g	160g	4		
	Chicken Breast	120g	160g	160g	5		
	Turkey Breast	120g	160g	160g	1.5		
	Cod Fillet, Skinless	120g	160g	160g	2		
	Bacon Middle, Unsmoked	30g	30g	30g	30		
	Sausages, Pork & Beef (8's)	60g	60g	60g	30	9	
	Eggs Medium	1	1	1	30		
Carbohydrates	Potatoes Ware, Fresh	600g	1 kg	1 kg	16	10	
	Potatoes New, Canned	500g	800g	800g	0.5		
	Mashed Potato Powder	100g	140g	140g	2		
	Chips Medium Cut, QF	500g	800g	800g	4		
	Hash Browns, QF	50g	50g	50g	0.5		
	Rice White Long Grain	200g	300g	300g	3		
	Pasta Penne, Dried	200g	300g	300g	4		
	Bread White Sliced 800g	160g	240g	240g	30		11
	Biscuits Sweet Assorted	NA	NA	50g	30		
	Mixed Nuts and Raisins	NA	NA	50g	30		
	Peanut Caramel Energy Bar	NA	NA	60g	30		
	Chocolate Caramel Energy Bar	NA	NA	55g	30		
Milk & Dairy	Milk Semi Skimmed, Fresh	250ml	250ml	250ml	20		
	Milk Semi Skimmed, UHT	250ml	250ml	250ml	10		
	Cheese Cheddar Mild	50g	50g	50g	30		
	Butter, Portion	4	4	4	30		
Fruit & Vegetables	Apples Green, Fresh	100g	100g	100g	6	13	
	Bananas, Fresh	100g	100g	100g	6		
	Melon Water, Fresh	100g	100g	100g	6		
	Oranges, Fresh	100g	100g	100g	6		
	Pears, Fresh	100g	100g	100g	6		
	Apple Solid Pack, Canned	115g	115g	115g	6	14	
	Peach Slices in Syrup, Canned	115g	115g	115g	6		
	Pear Halves in Juice, Canned	115g	115g	115g	6		
	Pineapple Slices, Canned	115g	115g	115g	6		
	Rhubarb, Canned	115g	115g	115g	6		
	Cabbage White, Fresh	90g	120g	120g	3	15, 16	
	Capsicums, Fresh	90g	120g	120g	3		
	Carrots, Fresh	90g	120g	120g	3		
	Cauliflower, Fresh	90g	120g	120g	3		
	Cucumber, Fresh	90g	120g	120g	3		
	Leeks, Fresh	90g	120g	120g	3		
	Lettuce Iceberg, Fresh	90g	120g	120g	3		
	Parsnips, Fresh	90g	120g	120g	3		

⁵ All weights have been corroborated by the Institute of Naval Medicine to meet the specified kcal requirement.

⁶ The BOP is the frequency with which a particular food category item is used throughout a 30 day period.

⁷ 15% will be added to bone-in proteins to compensate for the bone.

⁸ A consolidated 25% - 30% has been added to the weight of the protein items to account for shrinkage and wastage during the cooking process based on the recommendations made by BUPA.

⁹ Breakfast proteins calculated at 1 each and the consolidation % does not apply.

¹⁰ 12.5% has been added to Potatoes Ware to allow for wastage.

¹¹ Calculated at 4 sliced per day.

¹² The addition of these 4 snack bars equals 1000 kcal enabling individuals to snack as required.

¹³ Fresh Fruit averaged out to provide 1 piece per day.

¹⁴ Canned Fruit averaged out to provide 1 x 115 g serving of dessert per day.

¹⁵ Fresh Vegetables averaged out to Provide 1 x 90 g servings per day.

¹⁶ 12.5% has been added to Fresh Vegetables to allow for wastage.

Sponsor – Defence Logistics

	Tomatoes, Fresh	90g	120g	120g	3	17
	Swede, Fresh	90g	120g	120g	3	
	Beans Sliced Green, QF	90g	120g	120g	6	
	Broccoli Florets, QF	90g	120g	120g	6	
	Carrots Whole Baby, QF	90g	120g	120g	6	
	Peas Choice, QF	90g	120g	120g	6	
	Sweetcorn Kernels, QF	90g	120g	120g	6	
	Baked Beans, Canned	90g	120g	120g	15	
	Beetroot Sliced, Canned	90g	120g	120g	6	
	Peas Processed, Canned	90g	120g	120g	6	
	Sweetcorn Kernels, Canned	90g	120g	120g	6	
	Tomatoes Plum, Canned	90g	120g	120g	15	
Sugars	Sugar Granulated White	30g	30g	40g	30	
	Honey Clear, Portion	1	1	1	10	
	Jam, Portion	1	1	1	10	
	Marmalade, Portion	1	1	1	10	
Salts	Salt Lo Table, Sachet	2	2	2	30	19
Beverages	Tea Bags, Each	1	1	2	30	20
	Coffee Instant	6g	6g	12g	30	
	Squash Orange, NAS	19ml	19ml	38ml	30	
Condiments	Cereal Portion Pack, Mixed	1	1	1	30	
	Sauce Red, Sachet	1	1	1	20	
	Sauce Brown, Sachet	1	1	1	20	
	Mustard English, Sachet	1	1	1	20	
	Vinegar Malt, Sachet	1	1	1	20	
	Pepper Ground, Sachet	2	2	2	30	
Basic Kitchen Staples	Flour Culinary	14g	14g	14g	30	21
	Margarine Cooking	14g	14g	14g	30	
	Onions Culinary	20g	20g	20g	30	
	Stock Cubes Chicken, Each	0.5	0.5	0.5	30	
	Tomato Puree, Canned	14g	14g	14g	30	
	Gravy Mix	7g	7g	7g	30	
	Custard Powder	14g	14g	14g	30	
	Ham, Canned	20g	20g	20g	20	
	Corned Beef, Canned	20g	20g	20g	20	
	Tuna Chunks, Canned	20g	20g	20g	20	
	Mayonnaise, Tub	50ml	50ml	50ml	20	
	Mixed Herbs, Tub	9.25g	9.25g	9.25g	30	
	Frying Oil	50ml	50ml	50ml	30	
	Salt Culinary	1g	1g	1g	30	
	Pepper White Ground	1g	1g	1g	30	
	Biscuits Sweet Assorted	50g	50g	NA	4	
Juice Drink Tetra	330ml	330ml	NA	4	22	

¹⁷ Quick Frozen Vegetables averaged out to provide 1 x 90 g serving per day.

¹⁸ Canned Vegetables averaged out to provide 1 x 90 g serving per day.

¹⁹ In accordance with the recommended daily intake of no more than 6g per day.

²⁰ Calculated at 3 drinks (1 drink with each meal), except for Ops where there is an entitlement for 6 drinks.

²¹ Calculated to provide a 250 ml serving of a sweet or savoury sauce as well as some basic kitchen staples.

²² Included to provide additional items for a bag meal with a BOP of once a week.